Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1990

WJML

PETOSKEY BROADCASTING COMPANY
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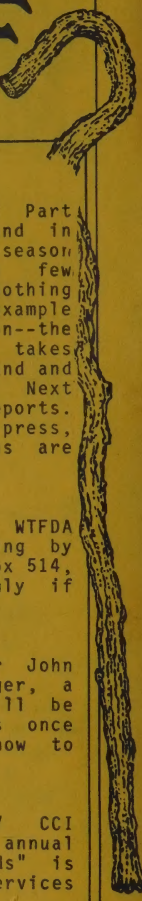
FM/99 RADIO 11/AM

From The STAFF



A BIGGIE!...We promised a large issue for September--here it is! Part of the reason for this is the numerous reports that can be found in the DX columns. While E-skip did not quite repeat the early-season spectacular performance, it did continue with a quite a few interesting (but widely-spaced) openings well into August. If nothing else, 1990's summer sporadic-E activity has been a very good example of one of the key mysteries of E-skip signal propagation--the geographical variation in the distribution of openings that takes place from year to year. It will also be remembered for high band and double-hop skip, both of which were noted by some lucky DXers. Next month's VUD is not likely to be quite as loaded with skip reports. However, it may be filled with tropo DX reports--as we go to press, rapidly improving late August tropo TV/FM ducting conditions are building across Midwestern regions of North America.

WTFDA CONVENTION 1991, ANYONE?...Who will host the 1991 WTFDA convention? If you want to volunteer, you must put it in writing by October 1. Address your bid to: WTFDA Board of Directors, PO Box 514, Buffalo NY 14205-0514. A membership vote decides the site only if more than one bid is received by that date.

NEW WTFDA SUPPLY MANAGER...Veteran DXer and longtime member John Ebeling has offered his services to the club as new supply manager, a position that has been vacant many months. That means that we'll be able to offer items such as back issue VUDs for sale to members once again! Be watching upcoming VUDs for lists and information on how to order. Many thanks to John for coming forth to help out!

COLUMN NEWS...Computer hardware problems have put the TV CCI (UNIDENTIFIED DX) column on temporary hold...SATELLITE NEWS' annual rundown on television services available on the C-band "birds" is featured in this issue--and next month will look at the audio services carried on the same satellites...

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Thanks to FCC FM NEWS' Bruce Elving for providing this month's cover.

Television news

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ABBREVIATIONS USED IN THIS COLUMN:

AATm	Height (meters) above average terrain
AG	Antenna height above ground
ASL	Antenna height above sea level
AZ	Azimuth (North=0°)
BT	Beam Tilt
CP	Construction permit
CRTC	Canadian Radio-television and Telecommunications Commission
DA	Directional antenna
ERP	Effective Radiated Power
FCC	Federal Communications Commission (USA)
HOR	measured along a horizontal plane
MAX	In the direction or elevation of maximum signal strength
MP	Construction permit modification
TL	Transmitter or tower location
+	carrier frequency offset 10 kHz above standard
-	carrier frequency offset 10 kHz below standard
z	carrier frequency not offset

APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
LA	62	5000	585	Hammond; Pontchartrain Bcng. Co. Inc. (reinstated)
LA	54	5000	280	Slidell; Trudy M. Mitchell
LA	54	14	153	Slidell; Unicorn/Slidell LPTV
ND	19	405	179	Ellendale; Prairie Public Broadcasting Inc. (amended)

APPLICATIONS DISMISSED

LA New Orleans; ch. 20; Crescent City Broadcasting Corp.; Swan Broadcasting Ltd.; Tucker Broadcasting Company. (initial decision)

LA Slidell; ch. 54; Trudy M. Mitchell.

NV Las Vegas; ch. 15; PZ Entertainment Partnership. (Review Board decision)

NC Raleigh; ch. 50; The L Broadcasting Corp.

CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
FL	35	5000	429	Miami; Miami Latino Bcng Corp. (FCC decision)
LA	62	5000	425	Hammond; Florida Parishes TV Ltd.
LA	20	5000	276	New Orleans; Delta Broadcasting of Louisiana Ltd. (initial decn)
MS	51	5000	440	Jackson; JAM Communications Inc.
PR	50	2000	342	Aguada; Channel 50 TV

CONSTRUCTION PERMITS CANCELLED

ST	CH	CALLS	CITY
GA	64	WGNM	Macon
KY	16	WLCT	Somerset
MI	46	WSKA	Port Huron
LA	62	----	Hammond (Florida Parishes TV)

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
AZ	46	4898	618	---	Green Valley (Sungilt Corp; amended)
CO	53	5000	191	KWHD	Castle Rock
FL	58	100	50	WAWD	Fort Walton Beach
MI	18	8.91	73	WHTV	Jackson
NY	48	207	125	WYDC	Corning
TN	50	5000	239	WPGD	Hendersonville
TX	29	2570	141	KMPX	Decatur (amended)

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST	CH	ERP	AATm	CALLS	CITY
FL	59	4966	289	WJEB-TV	Jacksonville
FL	62	4650	167	WBSV-TV	Venice
GA	64	52	185	WGNM	Macon
MS	40	5000	192	WBUY	Holly Springs
NY	48	207	125	WYDC	Corning
NC	35	1865	250	WJAE	Jacksonville
PR	36	1480	329	WDWL	Bayamon (data questionable)
TN	50	5000	239	WPGD	Hendersonville
WV	60	3923	307	WYVN	Martinsburg

APPLICATIONS TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
AZ	11	-	-	KMSB-TV	Nogales (cp; change city of license to Tucson)
CA	50	398	939	KFTY	Santa Rosa (cp)
MA	68	1350	249	WQTV	Boston (cp)
MD	47	2190	305	WMDT	Salisbury (mp)
NM	48	5000	134	KZIA	Las Cruces (mp)
NC	28	5000	585	WPTF-TV	Durham (cp)
NC	5	100	306	WRAL-TV	Raleigh (cp)
NC	47	2000	186	WFXB	Rocky Mount (mp)
OH	53	5000	364	WWAT	Chillicothe (cp)
TN	66	2250	167	WJFB	Lebanon (cp; What about the CP in 12/88 VUD?)
TX	57	5000	585	KRTW	Baytown (cp)
VA	29	5000	362	WVIR-TV	Charlottesville (cp)
VA	15	3112	634	WBRA-TV	Roanoke (mp amended)
WI	25	560	306	WLAX	La Crosse (cp)

CHANGES GRANTED STATIONS ON THE AIR

AL Montgomery; WHOA-TV, ch. 32; granted license to cover mp for changes; ERP raised from 1120 kw max/813 kw hor to 4600 kw max; 548m AAT/540m AG/625m ASL (297m higher ASL); TL Az. 212° (between SW and SSW) TL 2.9 km from Gordonsville; coordinates 32°08'30"/ 86°44'43" (Az. 222°, or SW, 20.8 miles from former TL). This should spread their coverage area quite a bit SW to W of Montgomery, with little change in the direction of Montgomery; also looks like better DX with its improved signal strength and much higher tower.

CA Santa Rosa; KFTY, ch. 50; granted cp to raise ERP from 302 kw max/209 kw hor to 398 kw max. No big change here.

NM Las Cruces; KZIA, ch. 48; granted mp for changes; compare cp grant in 12/88 VUD

(then KASK-TV); mp still proposes increase from 80 kw to 5000 kw max; 134m AAT/143m AG/1399m ASL (160m higher ASL); TL 9 miles ENE of Anthony; coordinates 32°02'30"/106°27'41" (Az. 134°, or SE, 26.01 miles from present TL).

NY Jamestown; WTJA, ch. 26; granted CP to reduce ERP from 659 kw max to 461 kw max; same TL and height; DA BT.

NC Raleigh; WRAL-TV, ch. 5; granted CP to reduce antenna height 11 meters (from original height before losing the tower) to 604m AAT/599m AG/695m ASL.

OH Chillicothe; WWAT, ch. 53; another one of these complicated messes. The station was granted a cp a few months after its 8/31/87 sign-on to raise its antenna 172 meters while remaining at 5000 kw ERP. I never heard any more about that permit. Now it is granted a license to reduce ERP from 5000 kw max to 2000 kw max. And a few days later it applied for this CP to raise ERP back to 5000 kw max and raise the transmitter 164 meters higher to 364m AAT/354m AG/589m ASL.

OR Klamath Falls; KOTI, ch. 2; granted cp to raise ERP from 35.5 kw max to 85 kw max; lower antenna 8 meters to 671m AAT/47m AG/2001m ASL. Neither of two references mention a change in TL or new coordinates, but the existing TL is 4 miles ESE of Klamath Falls, and the proposed TL is on Mount Stukel, 15 km (9.3 miles) SE of Klamath Falls. This should make for better E-skip DXing.

TN Lebanon; WJFB, ch. 66; granted license to cover cp for changes; ERP raised from 100 kw max to 250 kw max (*BROADCASTING* magazine reported 2250 kw, probably a mistake; can anybody confirm?); 161m AAT/79m AG/350m ASL (little change, if any, in height); same TL.

TX Dallas; KDFW-TV, ch. 4; granted license to cover cp for changes: antenna height reduced 13 meters ASL to 511m AAT/456m AG/703m ASL; TL intersection of Belt Line Road and Mansfield Road, Cedar Hill; coordinates 32°35'06"/96°58'41" (Az. 208°, or SSW, 0.23 mile from former TL.

WA Richland; KTNW, ch. 31; granted cp to raise ERP from 57.2 kw max/21.2 kw hor to 70.5 kw max; raise antenna 3 meters to 370m AAT/17m AG/685m ASL; same TL. Don't get your hopes up.

WY Rock Springs; KGWR-TV, ch. 13; granted license to cover MP for changes; see 7/90 VUD.

CALL LETTER APPLICATIONS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
CA	62	KRCA	Riverside; KSLD
NY	50	WNNY	Watertown; WFYF
NC	47	WFBE	Rocky Mount; WFXB

CALL LETTER GRANTS: NEW STATIONS

ST	CH	CALLS	CITY/APPLICANT
CO	50	KSHP	Denver; KTDC
GA	23	WELF	Dalton; WYDJ
MI	53	WLAJ	Lansing; WLAJ-TV
MT	23	KMTF	Missoula; KLFV
OR	28	KEPB-TV	Eugene; KEPB
WA	24	KPNP	Pullman; P-N-P Broadcasting Inc.
WV	60	WYVN	Martinsburg; WEWV

CALL LETTER GRANT: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
CA	62	KRCA	Riverside; KSLD

NEW STATIONS ON THE AIR

CA Fort Bragg; KFWU, ch. 8-, went on the air 5/1/1990; 225 kw max ERP; 746m AAT/45m AG/1328m ASL; TL Cahto Peak, 3 miles northeast of Branscomb CA; coordinates 39°41'38"/123°34'43"; BT HOR; ABC affiliate, satellite of KRCR-TV, ch. 7, Redding CA; address: California-Oregon Broadcasting Inc., 755 Auditorium Dr, Redding CA 96001.

CA San Luis Obispo; KADE, ch. 33z, went on the air 1/21/1990; 60.3 kw max ERP; 440m AAT/23m AG/778m ASL; TL Guesta Peak, San Luis Obispo County; coordinates 35°21'38"/120/39'21"; independent station; address: Community Media Corp., 414 JHiguera St., Vuite B, San Luis Obispo CA 93401.

FL Key West; WETV, ch. ×13z, went on the air back in July, 1989 (confirming John Combs' comments in the 7/90 VUD that "it has been on the air for quite some time." 316 kw max ERP; 142m AAT/141m AG/142m ASL; TL 19 miles east of Key West on Cudjoe Key, 0.9 mile north of U.S. 1; coordinates 24°40'35"/81°30'41"; independent educational station; address: Palmetto Broadcasters, Box 321, Summerland Keys FL 33042.

FL Fort Pierce; WTCE, ch. ×21-, went on the air 5/9/1990; 3097 kw max ERP; 147m AAT/143m AG/149m ASL; independent educational station; address: Jacksonville Educators Broadcasting, 1040 S. 37th St., Fort Pierce FL 34947.

PA Philadelphia; WYBE, ch. ×35-, reported in the 7/90 VUD; address:Independence Public Media of Philadelphia, 6117 Ridge Ave., Philadelphia PA 19128.

WI Racine; WJJA, ch. 49+, went on the air 1/27/1990; 2670 kw max ERP; 143m AAT/126m AG/339m ASL; TL 4401 E. Oakwood Rd., Milwaukee County; coordinates 42°51'18/87°50'41"; independent station; address: Racine Telecasting Co., 4311 E. Oakwood Road, Oak Creek WI 53154.

STATIONS OFF THE AIR

ST	CH	CALLS	CITY
OK	41	KGCT-TV	Tulsa (2/1/1989)
PA	19	WFAT	Johnstown (5/13/1990)
SC	40	WAXA	Anderson (8/1/89)

NETWORK CHANGES

ST	CH	CALLS	Now	Was	CITY
KY	11	WHAS-TV	ABC	CBS	Louisville
KY	32	WLKY	?	ABC	Louisville
NY	49	WNYB-TV	ind	FBC	Buffalo
NY	29	WUTV	FBC	ind	Buffalo
TN	24	WPTY-TV	FBC	ind	Memphis
TN	30	WLMT	ind	FBC	Memphis
TN	30	WXMT	HSN	FBC	Nashville
TN	17	WZTV	FBC	ind	Nashville

FORUM

More information about TV Marti from a recent issue of *BROADCASTING*: TV Marti was broadcasting on channel 13 from 3:45 to 6:45 in the morning,

but had to change its schedule on July 2 when Havana channel 13 began operating at 6:00 a.m. It now operates 3:30 tp 6:00 a.m. from a balloon 10,000 feet above Cudjoe Key. It covers Havana with a Grade A signal, yet creates no interference to U.S. or foreign television. Broadcasts are heavily jammed.

Two interesting articles from JOHN BOLDUC (Londonderry NH) in the 7/8 and 7/15 issues of the *New Hampshire Sunday News.* Continental Cablevision, the fourth largest cable system in the United States, is proposing CBS affiliation for one of its cable channels in Concord NH. "New Hampshire viewers have gone to out-of-state stations...since the former WNHT, Channel 21, threw in the towel on a 14-month experiment as a CBS affiliate and signed off for good on March 31, 1989. Plans by Boston Phoenix publisher Stephen Mindich to acquire Channel 21 from the Flatley Company for a reported $1.5-million do not include CBS programs." "Area broadcasters are watching developments closely. A first-of-its-kind arrangement between CBS and Continental is generally seen as undermining a network system that began with radio."

The 7/15 article deals more specifically with WNHT. "A potential competitor has complained to the [FCC] about plans to put Concord's dormant Channel 21 back on the air as a sister station to a Massachusetts TV outlet. John Fergie, executive vice president and general manager of WGOT, Channel 60, contends that the FCC 'would be putting a Boston station in our state capital' if it goes along with a proposal developed by Boston Phoenix publisher Stephen Mindich. Mindich's Rogue Television Corp. is in the process of buying WNHT from the Flatley Company. for a reported $1.5-million and has outlined plans to telecast satellite-delivered Star TV programming and local shows over Channel 21 from studios located in Boston. Channel 21 would carry many of the same programs as WHRC-TV, Channel 46, which Mindich hopes to begin operating south of Boston. Fergie said he filed an informal objection with the FCC to call attention to the areas where he believes Mindich'c concept violates agency regulations.

"Mindich has asked the FCC for a waiver of duopoly rules regarding signal overlap for Channel 21. Fergie maintains that FCC rules forbid any overlap of the outer edge of either station's signal pattern, referred to as the Grade B contour. He said the two stations would have to be located 82 miles apart to prevent signal overlap. Fergie is also rankled that Mindich doesn't plan Concord studios. 'The FCC requires the main studio to be within the city grade contour,' according to the Channel 60 executive. Channel 21's city grade signal won't even make the Massachusetts border, let alone go over Boston, he added. Mindich could operate either Channel 21 or Channel 46 but should not be allowed to have two TV stations in the same market, Fergie argued. 'We're licensed to serve the needs and interests of the community. I don't know how you can do that from Boston. I'd be really surprised if it goes through because it's so contrary to the commission regulations,' Fergie said.

"Mindich, when informed of WGOT's objections, said: 'My feeling is that the station was on the market for 14 months and nobody bought it. The station's off the air and there's no prospect of it going back on the air. Nobody gave me the station. It wasn't free. I stepped up to the plate with a plan I hope will work to provide the marketplace with programming which it doesn't have at all now. Mindich said he could have applied for satellite status, which would permit Channel 21 to simulcast Channel 46 programs. He opted for a sister station arrangement so that 'efficiencies and economies of scale' can make some local programming possible through independent producers based in New Hampshire."

I quoted extensively from this second article to bring out Fergie's sheer hypocricy in this matter. The FCC has on many occasions granted exceptions to its own rules, and this case is typical. And Fergie becomes the self-proclaimed defender of the FCC rules only when it affects his profits. As if the FCC needs somebody from the outside to tell it when somebody wants permission to violate regulations. And Fergie thinks that the needs and interests of the community can best be served by depriving it of another television station? Come on! He pretends to be a defender of the public interest while in reality he's out to protect his own greedy interests.

I'm sorry, but some of these two-faced broadcasters burn me up.

From JOHN ZEIS (Exton PA): "WYBE, Ch 35, Phila was first seen with low power testing 2 June (color bars and no audio). Programming began Sunday 10 June. Schedule is 4 hours per day - 7 pm to 11. Most programs are tapes made by other public stations. Although the Phila Inquirer had a feature on the station in May, no listings are carried (or even an acknowledgement of start of operations). Signal strength is excellent here at my location about 22 miles west of the transmitter. The antenna is side mounted on the WTXF tower (ch. 29. -wbf). Just below the Ch 35 antenna, I believe is the antenna for the Ch 42 Univision translator.

"Also new to the airwaves is W46BL, the Allentown translator for WGBS (ch. 57 Phila. -wbf). Signal quality here, about 40 miles distance, is good (almost snow free) and much better than from the Ch 26 WNEP translator.

"DXers with MTS receivers should note that the SAP channel can provide assistance in station identification. In this area WGBS and WGAL carry local (Phila and Lancaster) NWS weather radio full time. Also, rush hour traffic reports have been heard on WFMZ. The only other SAP activity noted here are 'talking books' on NJ public TV Chs 23 and 52."

LESLIE PRICE (Wilmington NC) writes, "Since Interstate 40 has opened up between Wilmington and Barsto, California this area has been a boon town. Now there is more debate about Ch. 10 a full power station." (There is a proposal to add a ch. 10 assignment to Wilmington, which would change the offset of WAVY in Portsmouth. -wbf) "Do you know where WAVY Ch. 10 Portsmouth has moved their tower? (I can't find anything saying they planned to move it. It should still be in Driver, VA. -wbf)

"W10BZ tower and studio is 1 block from I-40

just NE of Wilmington." "Also, it is impossible to get Ch. 8 in this area. I believe the antenna is about 800 ft. and on the outer banks of the Carterette Co, near Cedar Island."

From the 7/19 *Washington Morning Star*: Many people are showing an interest in launching a Channel 10 in Wilmington, but the developer of a low-power television station says those moves will not affect his plans to go on the air Sept. 1. A group called Wilmington Minority Broadcasters has petitioned the [FCC] for rights to build a full-power VHF-TV station, to broadcast on Channel 10, at a site about 31 miles northeast of Wilmington." (Let's get this story straight, since the journalists can't. They applied to have a channel 10 allocated to Wilmington. If that is done, then anybody can apply to construct a television station. I suspect the 31 miles northeast is to provide minimum mileage separation from WIS-TV in Columbia SC.) "In January, 1989, the FCC allocated Channel 10 to a low-power TV station, W10BZ, which Greensboro lawyer Philip Bolton wants to launch as a Fox network affiliate."

"The FCC's complex rule-making action, RM-7183, released July 5, would also require a partial amendment of the channel allotment to WAVY Television Inc., which operates Channel 10 in Portsmouth, Va. 'To my understanding, the Portsmouth station moved its transmitter, so that there is now a window for a Channel 10 statation between Portsmouth and Columbia,' South Carolina, Bolton said." As I said, I see no record of proposed changes there.

On W10BZ, Leslie sent this article: "With a little luck, Wilmington's sixth television station will be on the air in time for labor Day. With a little more luck, it will be a Fox affiliate. Co-powner Philip Bolton said he hopes to have W10BZ, a low-power VHF station, broadcasting by Sept. 1. The new station, which will broadcast on Channel 10, recently had its transmitter tower erected near its studio at 5223Market Streeet. Bolton, a Greensboro lawyer, also said he is trying to affiliate with the Fox Broadcasting Co.... 'They seem interested,' Bolton said in a telephone interview. 'Fox has a stated policy to be skeptical of low-power TV stations, but it has two licensed itself.'" "The station must clear one more legal hurdle from the FCC, the granting of a final designation of license. Toward that end, Bolton and his partner, David Anthony, who will be the new station's engineer, have been running signal tests in recent weeks. If approved, W10BZ would be the second low-power TV station in the Wilmington market. W20AL, a religious station operated by Good News TV Broadcasting Inc., has been broadcasting on Channel 20 since March 1989."

Also from Leslie, "Jacksonville's WJAE-TV 35 proposes a 820 ft. antenna 11 miles N.E. of Burgaw, N.C. State Road 1318 [coordinates] 34 37 27 N & 77 49 58 W. Power will be 1,865 kw (vis). Also, WRAL-TV-5 has proposed 100 kw (vis) 1,981 ft. 1.6 miles S.E. Auburn, N.C. 35 40 35 N & 78 32 90 W (Leslie, double check those coordinates. -wbf). I believe WRAL-FM will be on the same tower. Also, WPTF has plans for a 2,000 ft. tower in the same area."

A few letters from TODD BRYANT (Nashville TN): "The fellows at Warren Publishing who made us the recent offer on 1988 TV Factbooks called today to sound me out on another proposal. The firm sends sales reps to various cable conventions and on occasion purchasers of current editions are interested only in Volume 2 (predominantly cable info) and would like to dispose of Volume 1 (the 'stations' section which is of primary interest to DXers). I told him this would probably be of interest and we agreed that if and when such single copies of Volume 1 become available he will contact me and I'll notify WTFDA members in the VUD. Interested parties would deal directly with the company or individual desiring to sell...including negotiating a price, probably about $50 (if not quoted in the original notice). Be on the lookout for periodic availabilities of Volume 1. We'll see how this works, and if it's unsatisfactory in any way we'll terminate the program."

In another letter, "WTVF is now airing a live local newscast at midnight and then goes into a satellite 'News Channel' service until 5AM weekdays. Late Sat., early Sun. AM they don't start the news feed until 2AM and run it until 6 AM; land late Sun./early Mon. regular programming ends at 2AM and they sign back on at 5 AM. The interesting thing about the overnight news is that they have 'shrunken' the picture and the 'NewsChannel 5' logo is always on screen (lower 1/5 of picture-centered). No call letters are seen, but it ought to be easy to spot.

"Another thought. Late nite DXers who see CNN Headline News on 2 need to be aware that WSB (GA) and WKRN (TN) both air that service overnight. At least the last time I saw WSB that's what they were doing. Could be misleading and lead to incorrect solutions for unids."

And in a third letter: "Regarding your comment on the 'b&w ID slide that WTVF used to run all night...I hink that brand of root beer must be regional...we don't have it down here. Still, the thought of a root beer bottle on the screen all night IS amsing." (My mistake on one thing, I found out that the root beer is A&W, not B&W. -wbf)

"**BEWARE OF FALSE OMAHA'S!** WSIL-tv (3) in Harrisburg, IL runs ads for OMAHA FURNITURE (huge lettering) in Omaha, Illinois. It would be easy for DXers to see that and be misled to think they were getting KMTV (3) from the REAL Omaha!" (Commercials can be misleading. One time I saw a CERTS commerecial and thought I had Canada. -wbf)

"Hey, it's a good thing that KWQC didn't run the 'vintage' WOC-tv 5 slide during the peak of the Es season! Can you imagine seeing that sucker on channel 6..in 1990..and trying to figure out what the @%?# was going on?"

From JAMES J. NAHIRNIAK (Warren MI): "Warn your readers that if they see WJBK-TV 2 IDs and programs on UHF channel 38, they are watching WADL-38, Mt. Clemens MI. WADL-38 is currently operating Channel 2's 5pm newscast at 8-8:30 p.m., and channel 2's 6pm news from 9-9:30. In addition, the 11pm news is simulcast on both stations."

Running out of space. More from James, Dave Sinclair and Bill Nienejadly next month. Please excuse any spelling and typo errors this month.

FM NEWS

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Readers' Reports

Larry Fuss reported in from his travels in ID, confirming that KNAQ Rupert is silent (apparently not on its old frequency of 92.1 or its new 92.5 channel—possibly in the process of moving). The station in Chubbock, monophonic KRCD-FM 98.3, "had an awful signal and even worse audio processing. Sounded like they were barely on the air." Not the most robust possibility for DXing, I'd say.

Dr. J. J. Rosenberg comments about what Tim Hendel asked regarding hearing 99.1 in Toronto: "During July 5-15 incl., an experimental demonstration of digital radio took place in Toronto. In order to compare to conventional radio, they rebroadcast various AM and FM stations on 99.1 as part of the demonstration." Joel has written an article for the VUD on this, and he mentions the tests were to have moved to Montreal and Vancouver in August.

Another Canadian reader, Mike Cherry, points out the excellent article in the July, 1990 "Popular Communications" by one Alice Brannigan on Edwin H. Armstrong. "Definitely required reading by us FM enthusiasts! There is a good picture of the original tower erected by Maj. Armstrong as it looks today. It would be well-worth ordering this issue a back-issue through the publication.

"I have been way too busy to get hold of CBC Engineering in Vancouver regarding the latest batch of relayers of originating station CBU (690 AM service) but have noticed announcements on both AM (gasp!) and FM services mentioning some of the frequencies/QTH that I gave you. I'll try to get this, or perhaps Dave Sinclair can call them. ... My subscription to 'FMedia!' expires Dec., 1990. Enclosed is $50.00 U.S. to extend the subscription for another two years. I have enough faith in FMedia!s ability to survive to confidently extend for two years! It's a great publication and a super-companion to your 'FCC-FM' News column (which doesn't pay the bills!)... I should get this in the mail to you and try and get a report written for Fred McCormack's TV column."

Frank Merrill, like myself, missed this year's WTFDA convention. He was to have been at a high school reunion. He hates to see all the power upgrades, especially on formerly only Class A FM frequencies—all of which can conspire to ruin DXing. He'd like the Atlas to list formats by frequencies, and I considered that when Ernie Cooper asked for such. I don't have the time to punch in all that information there, and it would be too cluttered to print out. He also suggests the TX map be redrawn, possibly combining it with neighboring states, like the TX panhandle with OK. Trouble is, OK is optimium size, and were I to include the TX panhandle OK would have to shrink. Not the 1990 edition, but possibly the edition or so after that will see an improved TX. NM, too, is optimum size, and should not be reduced to show the El Paso-Fabens area on it.

Frank accuses me of jumping the gun and showing stations on frequencies they'll move to before they actually do. He says the "M Street Radio Directory" doesn't. Well, let's compare. He uses as an example his local WJEQ Macomb, which I showed on 102.7, with no entry on its previous frequency, 103.1. "They didn't move to 102.7 until two weeks after I got my Atlas!" I'd say that was excellent timing; for most of the life of the book you had the station on its correct frequency! I show stations with their CP status, which includes powers and frequencies—not former facilities. When it is likely a station is stalling in changing frequency or in coming on the air, you'll see a notation on the maps, "moving from" or "off the air."

Since you asked, Frank, let's take this month alone. The following stations have changed frequency or are about to: WFFN Codova AL from 92.9 to 95.3, KBSS Booneville AR from 92.1 to 104.7, KMTS Glenwood Springs CO from 92.7 to 99.1. I struck out on KAVI-FM Rocky Ford CO, which will not be moving to 95.5; it is still on 95.9, but is seeking 95.3. It did have a CP for 95.5, but apparently got the channel changed and did not move. Also, WRAJ-FM Anna IL from 92.7 to 96.5, KCMR Mason City IA now on 97.9, having moved from 96.3, KQQF Coffeyville KS now on 98.9, having just moved from 92.1, WCOZ Paris KY moving from 96.7 to 96.9, WIDL Carol MI now on 92.1 (from 104.9), KZBK Brookfield MO from 97.7 to 96.9, KEMX Locust Grove OK 94.5, not to come on previously-announced 100.7, KYQT Newport OK 102.7 from 102.5, KVHT Vermillion SD 106.3 (having moved from 102.3), WRJT Monterey TN 106.9 from 107.1, WJMA-FM Orange VA making a sudden switch from 96.7 to 98.9, and WAZR Woodstock VA 93.7, having moved from 95.9. I expect most of these changes will be made within six months, and as such the old frequency can be ignored; you can keep your own records of stations about to change, if you wish. Now if the M Street Radio Directory does a better job of showing stations on their true frequencies than the FM Atlas, let's do a little comparing—my 1989 FM Atlas with the 1990 M Street Directory. Let's only compare stations that have made the frequency changes from the above list. For KCMR, M Street only shows 98.3 listed—you DX 97.9 and hear something, wow! it's KCMR— "how come?" you ask? My 1989 book also shows it on 98.3. Even worse, the M Street book shows KQQF Coffeyville KS as 92.1 (and no mention of 98.9), while my much older FM Atlas says about KQQF, "to go to 98.9." Again, in M Street, no hint that WIDL Caro will move to 92.1. KWNG 105.9 Red Wing MN has been on that frequency (from 105.5) for months, but M Street lists it as 105.5, with an application for 105.9. KVHT is listed under previous call letters of KVRF in M Street only under 102.3, with no mention of 106.3. My 1½-year old Atlas has a note about KVHT "to go to 106.3." Again, M Street misses the boat on WJMA-FM Orange's and WAZR Woodstock's frequency changes. I stand by my way of listing frequency and other facilities changes. Now with the FCC in such a deregulatory mood, you can expect other stations to change frequencies almost the day they apply for such changes—witness the rapid changes for WIDL Caro, KCMR Mason City, KQQF Coffeyville, KVHT Vermillion and WJMA-FM Orange.

Frank also kindly sent word on several stations having stereo, and he correctly points out that in the case of Georgetown TX, KQFX, it got its power increase on 96.7, without ever having to change to 96.5. William Dickerman's heard the new WVIA [Scranton] 89.3 Williamsport translator, having moved from 100.1. He likes the small Sony ICF-SW7600, "a real marvel," covering FM and AM/shortwave 150 to 29999 kHz.

Nothing much from Bill Nienanjadly this month, except DXers in NY might realize that former zookeeper Scott Shannon doesn't rule the L.A. radio roost like he did at WHTZ. His morning show is only No. 19 in that market on KQLZ. At least he's consistent, remaining on 100.3 at both stations for all the skip listeners everywhere to tune in. By skip, he's got the continent covered, right? Foul-mouthed Howard Stern is doing some TV, but his bosses at K-Rock 92.3 don't want him talking

about that on his radio thing for fear he'll leave them for the greener

SCOTT SHANNON

pastures of TV and all the DXers he would bring with him from FM. Bill says WMSC *101.5 Montclair NJ takes its carrier off when not broadcasting, which helps his DXing. "You are right about skip/trop stations being harder to tune in with filter modification. Selectivity vs. sound quality—suggest install molex 'IC' pins, and when you're having trouble copying stations install a wider filter and leave the cover off so this can be quickly accomplished. No news about 110/130 filter availability. Murata/Erie NO help whatsoever in getting an order together. I can't make all those long distance phone calls to all these companies! Other members should do detective work in locating 110/130s. We had six people including me calling and tracing down the filters! How about our other 350 members helping out now? Apathy?"

Mike Bugaj talks about local WPKX 97.9 Enfield CT coming on the air with $, k, "Kicks 97.9," but only promoting Springfield and MA, reserving its legal ID to about 10 minutes to the hour. WFCS New Britain has migrated to 107.7 from 97.9. "Have any idea who sells those 110 kHz filters?" Not really, a distributor in Minneapolis was to have had some samples shipped here. I don't know if I want to try them—might be too restricting in audio quality and might chop off SCA. I'm happy with 150s and 180s. I installed SCA in an Icom R7000. The set had been modified with a 50-kHz FM filter, but the reception was almost unintelligible, and I am not sure it helped with adjacent channel reception at all, using WCTS *100.3 Minneapolis, next to local WSCN *100.5 [transmitter] Duluth as a criterion. Installing SCS in the Icom was not difficult, and it's a lot more sensitive for FM radio reception than the Radio Shack Pro-2006 (however costing about three times more).

Louisiana's Jeff Kruzka corrected the nonID of WQID 93.7 Biloxi MS as still being "93.7 QID," not "The Q." He heard by skip a "Highway 101," 100.7, k, but I have no idea what that would be. Somebody sent a radio log from the Portland Oregonian, giving a few program highlights, but no frequencies mentioned.

Karl Zuk mentions the Monitoring Times, International Radio Club of America convention Oct. 5-7, 1990 at Knoxville TN. You can hear international broadcasters and meet Bob Grove and others from MT by sending in $30 to PO Box 98, Brasstown NC 28902. The banquet is an extra $18.40.

Keith Pugh sent a lot of station news, and he reported getting KVHT Vermillion SD on skip on its new 106.3 frequency. He uses the radio logs as aids, not as absolute bibles, and was able to DX this station on its new frequency which had eluded previous lists. As you dial around and note stations that may have migrated on the dial, write in and share the news, noting especially whether they or other stations you write about broadcast in stereo or not.

W. R. McIntosh sent a long article from L.A. about FM stations trying for nonDXers in the offices. There's a contest among them to get workers involved in contests to bolster the stations' ratings. Some offices, however, prefer quiet and would rather employees kept the radios or headphones off. Stations going after the workers most earnestly are KPWR, KOST, KBIG, KXEZ and KLIT, all FMs. However, Muzak claims to have the ultimate format for in-office listening, basing its claims on many decades of serving the market through businesses willing to subscribe to get the music.

Nigel Pimblett of Medicine Hat AB and I both received KPCL 95.7 Farmington NM, and that station mentioned each of us to the other. Nigel says he uses my FM Atlas, "and have found it to be an invaluable aid to my FM listening. In fact, I've even mentioned it as such in the QSL column I edit for the Canadian International DX Club. I'm a shortwave listener first, with FM being basically a summertime break, so I don't buy every edition, but usually every second one. I believe I got my current one from Universal Radio in Ohio."

Now to the FM station news of this month. Look also for "See Also," which continues where last month's column was chopped off.

New FM Station Grants

AZ Page K261BX 100.1 (KCKK 101.1 Kanab UT), on air [U., sharing time
AZ Phoenix *89.5 270 h,v; 259 m, AZ State/
*89.5 90 watts h,v; 446 m, Maricopa County Community College. AZ State to broadcast Tuesday, Thursday, Saturday and alternate Sundays, while Maricopa County Community College will have the channel Monday, Wednesday, Friday and alternate Sundays.
AR Marked Tree 93.7 3000 h,v; 100 m
CA Bakersfield 99.3 3000 h,v; 100 m
CA Soledad 105.3 630 h,v; 213 m, S. Radio
FL Cedar Key 102.7 3000 h,v
FL Key West 107.9 100000h,v;141 m
FL Palm Bay *88.5 1000 vertical only; 30 m, (d-a), g, Victory Christian Academy
FL Stuart WCNO *90.9 100000 h,v; 55 m, g, National Christian Network, co-owned with WMIE *91.5 Cocoa FL. Did not delete, and not in Palm City FL. Came on the air during Easter week. NCN has future expansion plans, "but will go into markets only where there is no Christian outlet." Stereo?
GA Ocilla 98.5 3000 h,v; 100 m
ID Lower Stanley (assumed located below "Stanley" ID) K216CD *91.1 (KBSU)
IL Kankakee 95.1 3000 h,v; 100 m
IL Spring Valley (Peru) 103.3 3000 h,v; 100 m
IN Anderson 98.7 3000 h,v; 100 m, A. University
IN Terre Haute *88.5 550 h,v; 308 m, g, IL Bible
IA Eldora 99.5 3000 h,v; 100 m, E. W. Bie
MA South Yarmouth 103.9 3000 h,v; 100 m
MI Port Huron 102.3 3000 h,v; 91 m, P. H. Family Radio—grant reinstatement
MN Browerville KXDL 99.7 3000 h,v; 100 m, Allyn R Stercel [m, MN Public Radio
MN Thief River Falls *91.5 84000 h,v; 198/
NM Los Lunas 106.3 3000 h,v; 100 m
NY Honeoye Falls 107.3 3000 h,v; 100 m
NY Voorheesville (Albany) 96.3 200 h,v; 341 m
NC Topsail Beach 103.9 3000 h,v; 100 m
OH Toledo *88.3 110 h,v; 38 m, U. of Toledo; to share time with WXTS 88.3 Toledo
OR Banks 107.5 2000 h,v; 121 m
OR Seaside 94.7 3000 h,v; 100 m
PA Mount Carmel 99.7 1000 h,v; 159 m
PA Riverside 92.3 440 h,v; 254 m
SC Bishopville 93.7 3000 h,v; 100 m, JKRC Central Communications [Network
SC Cayce *88.7 150 h,v;43 m, g, Bible Bcstg./
SC Kershaw 106.1 3000 h,v; 100 m
SC Walterboro 105.3 3000 h,v; 100 m
TN Goodlettsville 97.1 50000 h,v; 150 m
TN Waynesboro 94.9 3000 h,v; 100 m
TX Bryan 99.5 3000 h,v; 100 m
TX Liberty 99.9 50000 h,v; 143 m
TX Muenster 106.5 3000 h,v; 100 m
VT Sunderland 95.1 45 h,v; 734 m
VA Coeburn W201AI *88.1 (WMMT 88.7 Whitesburg KY) [g, Central WA Ed. Found.
WA Wapato (Yakima) *89.5 15000 h,v; 297 m,/
WY Burns 101.9 50000 h,v; 150 m

Call Letters Assigned

AZ Tucson 99.5 KIIM"-FM" (from KIIM-FM)
AR Camden *89.5 KCAC
CA Auberry 105.1 KXDR
CA Bakersfield 107.9 KUZZ"-FM" (KUZZ-FM)
CA Chowchilla 93.3 KXDA
CA Merced 107.7 KXDE
CA Mojave 97.7 KAVS (not changing to KHXT)
CA Morgan Hill 96.1 KSJQ (KRAC)
CA Randsburg *89.7 KGMB (KGBM)
CA Sacramento *88.9 KXPQ
CA San Francisco 98.9 KDBK (KOFY-FM), this and next station now known as "Double 99 FM"
CA Santa Cruz 99.1 KDBQ (KLRS-FM) being bought by Viacom, along with KDBK 98.9 San Francisco. Both stations now simulcast, helping resolve an interference problem each station has experienced from the other.

CA Tracy 100.9 KSGO (KYBB)
CT Stamford 96.7 WQQQ (WJAZ), now o, Unistar oldies, "Q-96.7"
DE Lewes 105.9 WXJN
FL Arcadia 98.3 WOKD-FM (WOKD)
GA Omega 107.5 WXJF
GA Richmond Hill 105.1 WRHQ
IL Bethal to 95.5 WXJO
IL Le Roy 104.1 WRXZ (WMLA-FM)
IN Columbia City WBBE (WZRQ), to be $
IN Nappanee 95.7 WXJG [r, "Q-106.5"
KS Arkansas City 106.5 KYQQ (KWKL),/
KS North Fort Riley 102.5 KXDJ
KY Greenville 105.5 WWHK (WGKY-FM)
KY Louisville 103.9 WZKS (WXLN), r, "Kiss"
KY Mount Vernon 102.9 WXJJ
LA Tioga 103.5 KLAA (not KLLA)
ME Kittery 105.3 WKCD (WYCD)
ME Milbridge 93.7 WXJH
MI Fremont 100.1 WSHN-FM (not WSHN, as given on p 112 FM Atlas-12), still k
MI Grand Rapids 98.9 WXJI
MI Lapeer 103.1 WWGZ (WDEY-FM), rm, "Wings 103.1"
MI Oscoda 95.7 WXJD
MN Albert Lea 94.9 (moving to, from 95.3) KRGR (KCPI), mr, no nonID
MS Jackson 96.3 WJDX (WSLI-FM)
MS Newton 106.3 WMYQ-FM (WMYQ), both WMYQ AM and FM are silent
MO Seligman 95.3 KESE (KJEM), b, "95 FM," has stereo
NJ Margate City 96.1 WMXL (WFOU)
NM Espanola 102.3 KMYK (KMIO)
NM Los Alamos 106.7 KBOM (KPZA), o[ldies], dropping Spanish
NY East Windham *89.9 W210AP
NY Henderson 100.7 WXJE
NY Mount Hope *90.1 WDHZ (WEXX)
NC Burgaw 99.9 WVBS-FM (WVBS)
NC Laurinburg 96.5 WMXF-FM (WSTS), r, CHR
NY Moyock 92.1 WTZR (WOFM), p
OH Belpre *91.7 WMBP (WQHD)
OH Cleveland 99.5 WGAR"-FM" (WGAR-FM)
OH Gallipolis 101.5 WGTR "-FM" (WGTR-FM; AM gets new calls) [op, classic rock
OH Port Clinton 94.5 WXKR (not WXOF),/
OK Okmulgee 94.1 KTHK (KOKL-FM)
PA Avis 99.9 WHUM"-FM" (WHUM-FM)
PA Elizabethtown *88.3 WWEC (WQHE)
PA Grove City 95.1 WRKU-FM (WRKU)
PA Pittsburgh 104.7 WEZE-FM (not WESE-FM)
PA Sall adasburg 95.5 WKHL-FM (WKHL; AM is in Hughesville) [is in Charleston)
SC Goose Creek 94.3 WUJM-FM (WUJM; AM/
SC Pageland 102.3 WMAP-FM (WCPL)
SC Surfside Beach 103.1 WYAK-FM (WYAK)
TN Gatlinburg 105.5 WDLY (WSEV-FM), "Dollywood Radio" (for Dolly Parton)
TN Harrogate 96.5 WXJB
TN Surgoinsville 104.3 WEYE (WLKW)
TX Dallas-Fort Worth *90.1 KERA-FM (KERA) 105.3 KRSR (KQZY), rm, "Star 105.3"; its SCS has tM, 67; tR, 92
TX Devine 92.1 KTXX (not KYTX, which is in Beeville TX, 97.9)
TX Houston 96.5 KHMX (KNRJ), "Mix 96.5", r, "modern rock"
TX Kenedy 92.1 KKCR (KTNR)
TX Littlefield 95.5 KXDM
UT Coalville 92.5 KCUA
VA Emporia 99.5 WXJA (WEVA-FM)
VA Farmville 101.3 WXJK
VA Lynchburg 105.9 WMXQ
WV Oak Hill 94.1 WXAS (WVMA)
WI Lomira 106.7 WFDL, to 2000 h,v; 120 m
WI Waupun 99.5 WPKR (WGGQ)
ON Sudbury 92.7 CJRQ (CIGM), r, "Q-92"
ON Timmins 92.1 CJQQ (CFTI), "Q-92," r

"Good luck on FM Atlas-13. Hope to see it in the fall."

Facilities Changes Granted

AL Cordova WFFN 95.3 (from 92.9) 2200 h,v; 166 m
AL Selma WDXX 100.1 50000 h,v; 88 m, C2
AR Beebe KPIK 101.5 6000 h,v (100 m)
AR Booneville KBSS 104.7 (from 92.1) 50000 h,v; 150 m, C2, format to kg
CA Colusa KKLU 103.1 130 h,v; 599 m
CA Los Angeles KPFK *90.7 112000 h,v (863 m). "I'm the C.E. for KPFK. I used to take care of KSRF and KXLU as well, but it got to be too much to do all three... I installed the transmitters that these three stations are now on the air with." [m, d-a
CA Santa Monica KSRF 103.1 3000 h,v; 81/
CO Glenwood Springs KMTS 99.1 (from 92.7) -70 m (25000 h,v)
CO Rocky Ford KAVI-FM 95.9 (not moving to 95.5; seeking 95.3)
CT New Britain WFCS *107.7 (from 97.9)
FL Macclenney WJXR 92.1 6000 h,v (100 m) [C2
FL Mexico Beach WLPC 99.3 50000 h,v; 150 m,/
FL Titusville WPIO *89.3 7000 h,v; 91 m
GA Albany WGPC-FM 104.5 100000 h,v; 299 m, adds v
GA Greensboro WDDK 103.9 100 m (3000 h,v)
IL Anna WRAJ-FM 96.5 (from 92.7) 22500 h,v; 227 m, adding vertical, C2
IL Monmouth WMOI 97.7 3400 h,v; 134 m
IN Angola WLKI 100.1 2100 h,v; 120 m
IA Ida Grove KIDA 92.9 15900 h,v (91 m), to return with $[tereo]
IA Mason City KCMR *97.9 (having moved from 98.3) 4500 h,v (91 m) KNIQ there has not yet moved to 93.9 from 93.5. [from 92.1
KS Coffeyville KQQF 98.9, having moved/
KS Goodland KKCI 102.5 217 m (100000 h,v)
KY Burnside WJDJ 93.9 50000 h,v; 150 m, now on with that power, rp format
KY Murray WBLN 103.7 201 m (100000 h,v)
KY Paris WCOZ 96.9 (from 96.7) 50000 h,v; 150 m, C2
LA Galliano KBAU 94.3 25000 h, v (91 m), C3. "Is hard to get here in New Orleans, thanks to adjacent WXLT 94.1 McComb MS, which IDs as McComb-Baton Rouge."
ME Rockland WMCM 103.3 31200 h,v (187 m)
MA Boston WERS *88.9 4000 h,v; 186 m
MI Caro WIDL 92.1 (having moved from 104.9) "Suffered interference from WQRS 105.1 Detroit and WKJC 104.7 in East Tawas."
MI Houghton WOLF 96.3 177 m (100000 h,v), still on 97.7 [(195 m)
MN North Mankato KDOG 96.7 1400 h,v/
MN Red Wing KWNG 105.9 50000 h,v; 150 m, C2 [now "Z-95"
MS Marion WZMP 95.1 182 m (26000 h,v),/
MO Brookfield KZBK 96.9 (from 97.7) 27500 h,v; 48 m, C2
MO Gordonville KTXI 99.3 91 m (3000 h,v)
MO St. Louis KWMU *90.7 100000 h,v; 305 m
NV Jean K232CP 94.3 (back to, from K285--104.9) [m, d-a
NC Charlotte WMXC 104.7 100000 h,v; 376/
OH Millersburg WKLM 95.3 d-a
OK Locust Grove KEMX 94.5 (from 100.7) 2300 h,v; 112 m
OK Stillwater KOSU *91.7 308 m (100000 h,v)
OR Creswell KERT 95.3 400 h,v; 368 m
OR Newport KYQT 102.7 (from 102.5) 99200 h,v; 274 m, C1
OR Portland KUFO 101.1 100000 h,v; 498 m
PA Curwensville WOKW 102.9 350 h,v; 288 m
SC Hanahan WAVF 96.1 440 m (100000 h,v)
SD Vermillion KVHT 106.3 (having moved from 102.3) [7000 h,v; 183 m, C3
TN Monterey WRJT 106.9 (from 107.1)/
VA Danville WAKG 103.3 199 m (100000 h,v)
VA Harrisonburg WZJM *88.7 390 h,v; 20 m
VA Orange WJMA-FM 98.9, having moved from 96.7 [m, d-a, adding vertical
VA Winchester WTRM *91.3 6000 h,v; 411/
VA Woodstock WAZR 93.7 6000 h,v; -3 m, having moved from 95.9

Stereo, or to be $tereo

AL Dadeville WDVI *88.7, gr
AR Hot Springs KALR *91.5
CA Visalia KARM *89.7, g
FL Port St. Joe WMTO 93.5, r, on air
IA Iowa Falls KIFG-FM 95.3, mk
KS Burlington KSNP 95.3, k, ID with Le Roy
LA Lake Charles KOJO *91.7, g
MI Vassar WOWE 98.9 s, "Wowie"
MS Greenwood WGNL 104.3
MO Cameron KDEE 92.3, k, "K-Lite 92.3," simulcast with KAYQ, "Ozark 98," 97.7 Warsaw MO [field, new on air
MO Republic KADI 99.5, gr, ID with Spring-/
MO Tarkio KTRX-FM 93.5, k, finally embraces stereo
NE Alliance KTNE-FM *91.1, cn—the station Mike Cherry heard via skip in BC
NE Hastings KLNE-FM *89.1, cn
NE Lexington KLNE-FM *88.7, cn
NE Norfolk KXNE-FM *89.3, cn
NY New York WNYE *91.5. The only other old school-board station known not to have stereo is KSLH *91.5 St. Louis.
OK Heavener ("heave-en-ur") KPRV-FM 92.5 (k, CBS) [SCS, "Bright 105" (strict)
OK McAlester KZBX 104.9, tU 67 kHz/
OK Taft KHJM 100.3, rk
TN Crossville WEGE 102.3, k, on air, simulcasting with AM station WCSV
TN Parsons WKJQ 97.3, k
TX Beeville KYTX 97.9, r, "Y-98." Note its calls are not repeated in Devine TX.
TX Premont KMFM 104.9, Spanish, g
TX Winfield KYKM 97.7
VE Veracruz XHRN 96.5, "Radio Alarea"

Monophonic

CO Ignacio KSUT *91.3
IL Havana WDUK 99.3
IA Boone KFGQ-FM *99.3
IA Des Moines KUCB *89.3, still with low power; KDMI 97.3
IA Harlan KNOD 105.5
MA Worcester WICN *90.5, heard recently with classical; assumed to be a temporary stereo outage
OK Bethany KNTL 104.9 "no stereo—only in commercials. There is no advantage to stereo with our talk format and we may stop using it." Remove stereo listing.
OK Eufaula KCES 102.3, all k
OK Henryetta KVAZ *91.5, g, heard carrying USA Radio Network commercials
TX Bishop KFLZ 107.1, Spanish, l, remove stereo listing

See Also August-July VUDs For:

(all are for August, except where noted)

AL Selma WALX 100.9 Laser 101, Nienajadly, p, 18, Bugaj, p. 20
AR Camden KCXY 95.3 Y-95, Burrows, p. 11
CO Glenwood Springs KMTS 99.1 (moving from 92.7), tU, 67, Ebeling, p. 15
CO Salida KVRH-FM 92.1 tU, Ebeling, p. 15
CO Wray KATR 98.3 off air? Allen, p. 30, got KBBN 98.3 Broken Bow NE in the same direction without mentioning hearing KATR
DE Georgetwon WZBH 93.5 ID with Ocean City and Salisbury, Burrows, p. 10
FL Clewiston W213– *90.5 is probably the translator Hepburn (p. 27) heard; but I show it relaying WAYJ *88.7 Fort Myers FL
FL Fort Myers WSRX *91.5 The Spark, Falconer, p. 16 [tM, Ebeling, p. 15
FL Port St. Joe WJST 94.5 tU, 67 (not/
FL Venice WCTQ 92.1 k (from b), Ebeling, p. 15
IL Robinson WTAY-FM 101.7 Tay FM, Brumfield, p. 24

KS Derby KRZZ 96.3 op, Station News, p. 22
KS Scott City KSKL 94.5 r, Falconer, p. 16; "Cool 94.5," Cherry, p. 23
LA Clinton WQCK 92.7 Fela, p. 12, lists as contemporary Christian, while Smolarek, p. 22, shows it as r; the latest I saw for it is "k"
LA Monroe KNOE-FM 101.9 K-102 (from "All Hits FM 102"), Ebeling, p. 15
LA New Roads KQXL is 106.5, not 106.1, Ebeling, p. 15, "Q-106" nonID
MD Federalsburg WDLE 107.1 apparently silent, Station News, p. 15 [KNJR, Merrill, p. 14
MN Collegeville *88.9 is KNSR, not/
MT Kalispell KBBZ 98.5 tU, 67, Ebeling, p. 15
NJ Vilas WLQE 98.7 ID with Rio Grande-Wildwood, Burrows, p. 10
NM Carlsbad KCDY 104.1 has $[tereo], Falconer, p. 17 [p. 37
NM Clovis KCLV-FM 99.1 Country 99, Sittel,/
NY Cazenovia WITC *88.9, having moved from 90.9, Nordquist, p. 11
NC Raleigh WYLT 96.1 Lite 96.1 (from "W-Lite"), Sittel, p. 36
NC Nags Head WNHW 92.3 "Carolina 92," Station News, p. 22; is k, Coniglio, p. 38
ND Valley City KOVC-FM 100.9 Gold 101, Pugh, p. 29 [rm, Falconer, p. 17
OK (not TX) Weatherford KBXR 97.3/
PA Ridgebury WMKB 96.9 is mono, o, Station News, p. 15 [$, Nordquist, p. 11
TX Lufkin KSWP *91.1—I need to know if it has/
TX Palestine KLIS 96.7 96-FM, Falconer, p. 16
TX San Antonio KTFM 102.7 Hot 103, Falconer, p. 16
KZEP-FM 104.5 K-Zep, Falconer, p. 17
TX Winfield KYKM 97.7 has $tereo, Buntin, p. 19, July [Buntin, p. 19, July
UT Salt Lake City KLZX-FM 93.3 Z-93,/
VA Hampton WWDE 101.3 ID with Norfolk-Virginia Beach, Burrows, p. 10
VA Norfolk WLTY 95.7 Oldies 95.7 (from "Y-96"), Station News, p. 15
WI Sturgeon Bay WDOR-FM 93.9 has been listed as country, playing country oldies? Falconer, p. 25, July.
WY Laramie KCGY 95.1 note "Y 95" nonID, not "Y-106," as given in FM Atlas-12, p. 159
ON Ohsweken CFNC 103.9 kr, 15 m (10 watts h), no stereo, Hall pp. 24, 25, July
ON Wingham CKNX-FM 101.7 won't be moving to 104.9; only its low power [translator] in Meaford is apparently on the air on 104.9, Hall, p. 23, July [p. 17, July
VE Veracruz XHRN 96.5 has $[tereo], Pugh,/
M Street Radio Directory (Hall, p. 22), can be ordered direct from PO Box 3568, Alexandria VA 22302 at $29.95 plus about $2.50 shipping and handling. It lists AM and FM stations, formats, facilities by geography and frequency. I like its listing of stations by call letters, and as such it can supplement the "FM Atlas."

Formats

Formats are the same as in the *FM Atlas*

AK Fairbanks KXLR 95.9 o, SMN Pure
AK Nome KICY-FM 100.3 rg, "Y-100" (strict)
AZ Kingman KGMN 100.1 k
AZ Phoenix KMEO-FM 96.9 mr, "soft AC"
AR Jacksonville KEZQ-FM 100.3 mr
CA Carlsbad KKOS 95.9 rm, "bright AC"
CA Davis KLCQ 105.5 or, "classic rock"
CA Los Angeles KTWV 94.7 rj, more so than mj
CA Pebble Beach KSPB *91.9 still r, operates evenings only from Robert Louis Stevenson High School [on with B1 power and site
CA Ridgecrest KZIQ-FM 92.7 rm, "Q-Lite,"/
CA Visalia-Fresno KFSO 92.9 o
FL De Funiak Springs WQUH 103.1 k
FL Miami WLYF 101.5 m, "80% vocal"
HI Honolulu KIPO-FM *89.3 jc, also news KHHH 98.5 rj, more so than mj
HI Kealakekua KOAS 92.1 rm
IL Coal City WKBM 100.7 o, $
IL Dwight WKDL 98.9 to be o[ldies], $?
IL Eldorado WEBQ-FM 102.3 k
IL Loves Park WLUV-FM 96.7 r, "The Heat"
IL Marseilles WKOT 96.5 to be o. This, Dwight and Coal City form a triangle just SW of Chicago with an oldies network. [dust!"
IL Peoria WSWT 106.9 mr—"another b bites the/
IL Watseka WGFA-FM 94.1 k
IN Brazil WSDM 97.7 k
IN Cannelton WKCM-FM 102.9 k
KS Emporia KNGM *91.9 gr, still $, tM 67
KS Wichita KGAM *90.7 gr, $
LA Hammond KSLU *90.9 jr, "jazz and more"
MN Litchfield-St. Cloud KMXK 94.9 mj, still "The Mix" [Pure, "K-93"
MS Holly Springs WKRA-FM 92.7 o, SMN/
MS Jackson WJMI 99.7 s, still "Power 99"
MO Butler KMOE 92.1 k, $
MO Clinton KDKD-FM 95.3 k, $
MO Kansas City KMBR 99.7 mr
MO Liberty KXXR 106.5 s, "X-106" [94"
MO Poplar Bluff KKLR 94.5 k, "Clear Country/
MO Sparta KLTQ 96.5 rm, $, ID with Springfield
NE Beatrice-Lincoln KTGL 92.9 op, "The Eagle"
NE Lincoln KUCV *90.9 cn, $
NE Omaha KESY-FM 104.5 m, still many b selections, especially daytime [108," $
NE West Point KWPN-FM 107.9 rm, "FM-/
NE York KAWL-FM 104.9 c
NV Carson City KRWR 94.7 rm
NJ Atlantic City WFPG-FM 96.9 r, CHR/pop, not "hard, album rock"
NJ Trenton WKXW 101.5 ot, oldies and talk
NY Dansville WACZ 93.9 rt, mono, "Z-94"
NY Ithaca WVBR 93.5 rp
WQNY 103.7 op, "Classic Q" (strict)
NY Southold WBAZ 101.7 rm
NC Wanchese WOBR-FM 95.3 rm
NC Whiteville WZFX 99.1 s, "99-1 The Fox"
OH Canton WHBC-FM 94.1 rm
OH Cincinnai WWEZ 92.5 mr, soft AC
OH Elyria-Cleveland WNWV 107.3 rj
OH Fredericktown WJMR 98.3 rm
OH Middletown WPFB-FM 105.9 k, "The Country Rebel"
OH Nelsonville WAIS-FM 107.7 k
OK Edmond KTNT 97.7 mj with "contemporary jazz. I hope you will listen to us as you go"
OK Pauls Valley KGOK 97.7 r
OK Perry KJFK 105.1 rm, "K-105 FM"
OK Seminole KSLE 105.5 k, $, "105 Country"
OK Tahlequah KEOK 101.7 k, $
OK Woodward KWDQ 102.3 o
OR Cave Junction KCNA 102.7 k
OR Roseburg KRSB 103 1 rm
PA Clarion WCCR 92.7 r, CHR
PA Pittsburgh WHTX 96.1 o, portending an oldies war with WWSW 970 and WWSH 99.7
PA Shamokin WSPI 95.3 rm
SC Columbia WCEZ 93.5 mr
SC Greenville WFBC-FM 93.7 o, still "B-93.7 FM"
SC New Ellenton WAJY 102.7 rm
SD Pierre KLXS 95.3 o, "Classic 95.3"
TX Eastland KVMX 96.7 mr, Drake soft AC
TX El Paso KTSM-FM 99.9 mr [sive rock]
TX Fredericksburg KFAN 101.1 p[rogres-/
TX Houston KRBE 104.1 sr, still "Power 104"
TX Luling-Austin KAPT 94.7 k, "The Cat," via satellite, no SCS (had tU 92)
TX Odessa KKKK 99.1 gr
UT Richfield KKWZ 93.7 rm
VA Lynchburg WKZZ 100.1 rm
WA Bellingham KZAZ *91.7 to be cn, hoping to have come on in August, along with a translator on a yet-unnamed frequency on Mount Constitution to serve the San Juan Islands; other translators are planned for Anacortes and Port Angeles WA. To be $[tereo]?
WA Moses Lake KDRM 99.3 rp
WA Omak KOMW-FM 92.7 k
WV Ripley WCEF 98.3 k
WI Sheboygan WWJR 97.7 rm
WY Jackson KMTN 96.9 r
ON Ohsweken CFNC 103.9 kr, mono, 15 m (10 watts horizontal; hopes to go to 50 watts)

On the Air (Selected)

IL Le Roy WRXZ 104.1, having moved from 92.7, ID with Bloomington-Normal
IL Urbana WKIO 92.5, having moved from 103.9
IA Sioux Center KTSB 93.9 (from 94.3)
MN Cloquet-Duluth-Superior (WI) WSCN *100.5, mono, having moved from 100.9
MN Tracy KARL 105.1, rm. Didn't delete, $?
NY Brockport WBSU *89.1, having moved from 88.9
TX Odessa *90.5 KENT-FM, but still using KEHC call letters

Off Air, or Not Yet On

AL Linden WDAL 98.5
AK Anchorage KXDZ 103.1 [a manager
AK Soldotna KUHK 96.5, but advertising for/
CA Paradise KCHH 103.5, still on 92.7
GA Sparta WHAN 102.7, one of the Thomas Root partnerships; CP has expired, but can apply for reinstatement of expired CP
IA Grinnell KICL 106.7
IA Onawa KOOO 102.3
IA Sac City KSRG 105.1
KS Caney KEOJ 101.1
KS Emporia KGZF 99.5
KS Eureka KOTE 93.5
KS Hutchinson KFRK *91.5
KS North Newton KBCU *88.1
MI Highland Park WHPR *88.1
MN Hermantown W280CT 103.9
MS Ellisville WJKX 102.5 (still on 102.3)
MO Clinton KLRQ 96.1
MO Liberty KWJC *91.9—for the summer?
MO Versailles KLGS 95.1
NE Auburn KAUB 105.5
NE Blair KBWH 106.3, left air about July 1; heard in stereo as late as June 27. "The small stations around here get bought and sold and they come and go."
NE Omaha KPQB *88.1
NE Winnebago KSUX 105.7
NJ Franklin Lakes WRRH *88.7
NY Binghamton WUCI *91.5—has been on the air other summers, but they "were housed in extremely cramped quarters downtown and were always strapped for funds."
NY Vestal W209AJ *89.7, even though always mentioned by WSKG *89.3 Binghamton in its hourly legal ID
NY Wurtzboro WZAD 97.3, may come on as classical
OK Guthrie K201-- *88.1
OK Sulphur KFOM *91.1
TX Carrizo Springs KCZO 92.1, "came on temporarily, but has been silent for several months."
KQMG 93.5 "silent for some time," remove $ listing
TX Farwell KLZK 98.3

Deletions

AZ Williams KDAN 96.7
FL Kissimee WOOG *89.5
NH Gorham WMIH 107.1
OK Ardmore K252CA 98.3
OK Choctaw K202BH *88.3
OK Del City K288CT *105.5
OK Edmond K228CB *93.5
OK McAlester K221CC 92.1, K237BF 95.3, K240BF 95.9, K280CH 103.9
OK Moore K296CI 107.1. "We no longer run that translator, and you should find reception improve in Moore after we replace our old transmitter and go for an upgrade" at KTNT 97.7 Edmond-Oklahoma City
OK Norman K201-- *88.1, still on air, but to be

displaced by new KMSI *88.1 Moore
K237BT 95.3
OK Sallisaw K221CK 92.1
OK Webbers Falls K220BL *91.9

SCServices, 57, 67 and 92 kHz

From a Muzak franchisee to the father of one of my associates: "I hear your son is up to his old tricks. Please do what you can to control his behavior."

"Thank you for adapting my Sangean ATS-803A radio, and your fast return of my radio. I am quite pleased. Also thanks for those back issues of my FMedia! subscription."

Other SCS news is in FMedia!

NonIDs, Not Just Slogans

Mentioned on the air usually without call letters; "strict" if a station only uses call letters once per hour as required by the FCC (at or near the top of the hour)

AL Fayette WTXT 98.1 98-TXT, ID with Tuscaloosa [Combination
AR Berryville KSCC 107.1 Country/
AR Osceola KMPZ 98.1 Z-98 (from "Power 98")
CA Johannesburg KRAJ 103.9 The Heat
CA Lancaster KGMX 106.3 K-Mix FM
CA Prunedale KLVM *89.7 and Santa Rosa KLVR *91.9 both Love Radio, still gr
DC Washington WAMU *88.5 88 Plus
FL Micanopy WLCL 97.7 Clear 97 FM
GA Bainbridge WJAD 97.3 97-3 JAD (not "The Hot FM")
GA Fort Valley WKXK 97.9 98-Kix, ID rotating among Byron, Perry
GA Sparta WSKS 97.7 97.7 Kiss (from "Kiss 97")
HI Honolulu KHFX 105.1 The Fox
HI Kailua KRTR 96.3 96 FM (from "Crater FM") [Station (from "FM-101")
HI Lahaina KLHI 101.1 Your Super-/
IA Atlantic-Omaha (NE) KXKT 103.7 The Kat (sic, strict), ID with Council Bluffs
IA Waverly KWAY-FM 99.3 K-Way FM
KS Haysville KXLK 105.3 no nonID, no "FM 105," still has TU, 67
MS Aberdeen WWZQ-FM 105.3 ZQ-105
MS Biloxi WQID 93.7 still 93.7 QID, although still "The Q" at times
MS McComb WXLT 94.1 Sunny 94
NE Grand Island KSYZ 107.7 Sunny 108 (from "The Great 108")
NC Banner Elk WZJS 100.7 Z-100, $[tereo]?
NC Burlington WPCM 101.1 no nonID, saying "Country 101.1 WPCM"
NC Charlotte WBT-FM 107.9 Sunny FM, still r
NC Elizabeth City WMYK 93.7 K-94, but some injection also of "Power 94"
OK Chickasha KXXK 105.5 no nonID, no "KX-105"
OK Oklahoma City KLTE 101.9 K-Lite 102, o
OK Poteau KLMK 107.3 K-Country
PA Honesdale WDNH 95.3 Variety 95
SC Spartanburg WSPA-FM 98.9 Light and Easy 98.9 FM
TN Etowah WDRZ 103.1 Superpower 103 (from "Z-103") [97 FM"), still b
TN Knoxville WEZK 97.5 97-FM (from "Easy/
TX Austin KHFI 98.1 K-98.1 (from "K-98")
TX Denison KDSQ 101.7 The Heat (from "Power 102")
TX San Antonio KZVE 107.5 Que Suave (Spanish, which sounds like "K Suave")
UT Salt Lake City KLZX-FM 93.3 Z-93
WV Romney WJJB 100.1 Jibb-100
WY Laramie KCGY 95.1 Y-95 (not "Y-106," as given in FM Atlas-12, p. 159)
ON Kingston CFMK 96.3 no "K-96" nonID. "They use their call letters very often. A rariety for a Canadian station."

Multi-City IDs in Use [Censored] [by FM (Selected) AM Happenings Most Likely Caused/

IA KLSS AM 1010 donated by the Hedbergs to the U. of Northern IA and will relay KHKE *89.5 Cedar Falls, subject to FCC OK
KS Topeka WREN 1250 still off the air
MN Litchfield KQIV 1410 silent.
MS Marion WJDQ 1240 silent.
NC Hickory WSPF 1000 silent.
OR Coos Bay KYNG 1420 silent (had been talk); FM on 106.5 still on the air.
TN Dyersburg WDSG 1450 silent
WI Appleton WRJQ 1570 silent.
Radio Shack discontinues its 12-1933, car AM stereo-FM stereo radio—the only such model known to exist in that company's line.

31 FM Stations Subject to FCC Downgrading

The FCC has issued a list of stations to be automatically downgraded on June 4, 1991, unless they file to improve their facilities to retain their present classification. Most are C2 stations with 25 kw or less and whose antenna height above average terrain provides a 60 dB contour of 39 km or less. They must file by June 3, 1991 to prevent an automatic downgrading. Here's the preliminary list of commercial stations which could face downgrading:

Frequency Class	Station Location	New Class
92.3 C2	KDDR-FM Oakes ND	A
93.7 C2	WNBY-FM Newberry MI	A
93.7 C2	KSPI-FM Stillwater OK	C3
94.3 C2	WMUM Marion FL	A
95.1 C2	KTTI Yuma AZ	A
95.7 C2	KPER Hobbs NM	C3
96.1 C2	KICX McCook NE	A
96.5 C2	KUHK Soldotna AK	C3
96.5 C2	KLWD Sheridan WY	C3
97.3C	KDMI Des Moines IA	C1
98.1 C1	KLEF Anchorage AK	C3
98.1 C2	KWLF Fairbanks AK	C3
98.1 C2	KRXK-FM Rexburg ID	C3
99.1 C2	KMTS Glenwood Springs CO	C3
99.1 C2	KAFR Angel Fire NM	C3
100.5 C2	KBFX Anchorage AK	C3
100.7 C2	KLVF Las Vegas NM	C3
100.7 C2	KJAS Jasper TX	C3
100.9 C2	KDYC Grants NM	A
101.1 C2	KJJZ Kodiak AK	A
103.1 C2	(new?) Sitka AK	A
104.1 C2	KSDM International Falls MN	C3
104.1 C2	KTIL-FM Tillamook OR	C3
104.7 C2	*KUAC Fairbanks AK	C3
104.7 C2	*KCAW Sitka AK	A
105.1 C2	KTKU Juneau AK	A
105.1 C2	KZUL Lake Havasu City AZ	C3
105.9 C2	*KRBD Ketchikan AK	C3
105.9 C2	KUIN Vernal UT	A
106.5 C2	KYNG-FM Coos Bay OR	C3
106.7 C2	KGTW Ketchikan AK	A

NAB/Denon Sign Pact to Produce AM-FM Tuners

Denon America, Inc. will manufacture and sell a "high quality" FM-AM tuner, which will replace the model that bombed out at Radio '88 in Washington DC. It's a tuner that will be made to broadcast industry specifications, including NRSC circuits for better AM fidelity and reduced interference, FMX to "enhance FM stereo fringe-area reception," AM stereo, AM noise blanking to cut static and noise and expanded AM band capability to tune in the new 1605-1705 kHz range, have provision for external AM antenna and a 30-station preset memory that can intermix AM and FM stations at the listener's choice. It's to be manufactured by Denon's parent company, Nippon Columbia, and will carry Denon and NAB names and should be available in stores by early 1991 at a retail price of $475. NAB members will be able to buy them at a discount.

"This tuner will be suitable as an in-home monitor for broadcast station personnel and consumers who want to feed their home hi-fi systems with the best quality audio signals from AM and FM broadcasts," said NAB Senior VP/ Science and Technology Michael Rau.

Broadcasters Continue to Defect From Easy Listening

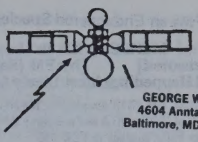
Bonneville Broadcast System's Jim Opsitnik speaks out against the trend, saying "The belief many former Easy GMs have when changing to Soft AC is that the audience will stay with them because they have no choice. The reality is that many simply turn off the radio. There is a growing segment of disenfranchised listeners who now have no station, and others who perceive that music stations all sound alike. I see this as a danger for broadcasters. . . A well-programmed and marketed Easy Listening station continues to be a viable entity with the active, upscale 35-54 consumer. . . The properly programmed and promoted Easy Listening station is as viable today as it was 10 years ago." Stations known to have dropped the easy listening format in just the last month are: KMEO-FM 96.9 Phoenix AZ, WJCL-FM 96.5 Savannah GA, WSWT 106.9 Peoria IL, KMBR 99.7 Kansas City MO, WFPG-FM 96.9 Atlantic City NJ, WHBC-FM 94.1 Canton OH, WWEZ 92.5 Cincinnati OH, KTSM-FM 99.9 El Paso TX, and possibly KESY-FM Omaha, although I am hard pressed to find much difference in their format compared to what it was. This is perhaps the month having the largest number of station defections from any one format in the history of FM—possibly surpassing the mass defections from "disco" in the late 1970s and early 1980s. Bonneville's own stations have all defected from easy listening, the most recent being KMBR Kansas City. Jim Opsitnik might start at home in persuading Bonneville itself to help preserve the beautiful music format.

Emerald Broadcasting Hit With More Opposition to Atlanta Move-In; Also Wants To Slide into Sacramento

Wanting to dump Carson City as a city of license (see above "Rulemakings Proposed"), Emerald Broadcating has petitioned the FCC to move its KRWR 94.7 to a town 16 km outside Sacramento. This would deprive Carson City of service in a way similar to how Emerald would move WHMA-FM 100.5 from Anniston AL to near Atlanta GA. Jacor Broadcasting, licensee of Atlanta's WPCH 94.9, said Emerald's proposal "actually undermines the Commission's allotment goals by robbing the poor to serve the rich." Also opposing the move-in was Capital Cities/ABC which said, "This is an inappropriate use of the Commission's rules and would violate the policy of providing localized service for small communities."

73ily, Bruce E.

SATELLITE NEWS



GEORGE W. JENSEN
4604 Anntana Avenue
Baltimore, MD 21206-4220

Here we go wit h the annual review of services. This will be satellite by satellite E to W. The transponder comes first, then the service, then the encryption system - if any.
Encryptions: L - Leitch, O - Oak/Orion, VC I or VCII - Video Cypher,M - any of the various MAC Systems.

SATCOM 5 - 143 W
20 - feeds - only or 2 transponders are directed to the US 48.
24 - Alaska Satellite T.V. Project

SATCOM I_ 139 W
1 - Family Channel West - VCII
2 - KUSA - Ch. 9 Denver, Colorado VCII
4 - KCNC - Ch. 4 - Denver, Colorado VCII
5 - Pacific Sports Network VCII
6 - KMGH - Ch. 7 - Denver, Colorado VCII
7 - FNN (Financial News Net.) VCII
Prime Ticket Sports, Los Angeles, Cal. VCII
8 - NBC Feeds L Occ. This now seems to be primarily used for promotional feeds, etc.
9 - Sports Channel - Los Angeles VCII
10 - Hit Video USA - AM's
Home Sports Entertainment VCII
11 - Sunshine Network VCII
12 = KUBD - Ch.59 - Denver, Colorado AM's
KRMA - Ch. 6 - Denver, Colorado VCII
14 - KWGN - Ch. 2 - Denver, Colorado VCII
17 - PSN sports feeds
20 - WGN - Ch. 9 - Chicago, Illinois VCII (full feed)
24 - Prime Network (Sports) VCII

GALAXY I - 134 W
1 - Comedy Channel VCII
2 - Nashville Network VCII
3 - WGN - Ch. 9- Chicago, Illinois VCII
4 - Disney Channel East VCII
5 - Showtime - East VCII
6 - ESPN - Blackout Channel VCII
7 - CNN VCII
8 - CNN Headline News VCII
9 - ESPN VCII
10 - The Movie Channel - East VCII
11 - The Family Channel - EaST VCII
12 - Arts andEntertainment VCII
13 - Country Music TV
14 - The Movie Channel - West VCII
15 - WOR - Ch. 9 - New York, New York VCII
16 - Showtime - West VCII
17 - Inspiration Network
18 - TBS (WTBS) Superstation (Ch. 17) Atlanta, Georgia VCII
19 - Cinemax - East VCII
20 - Galavision
21 - USA Network - East VCII
22 - Discovery Channel VCII
23 - HBO (Home Box Office) - East VCII
24 - Disney Channel - West VCII

SATCOM 3 - 131 W
2 - The Learning Channel - proposed VCII
3 - Trinity Broadcasting
4 - AM Commercial Programmings (Incredible Inventions)
PM - RAI USA - relay of RAI network Rome, Italy
Evenings (8PM) - Bravo VCII
5 - VISN - Vision Inter-Faith
6 - CNBC Business Channel
7 - Univision (Spanish Network)
8 - J. C. Penny Shopping Channel
10 - USA Network - WEST VCII
11 - FNN VCII
12 - AVN Shopping AM's
American Movie Classics PM's VCII
13 - HBO - West VCII
14 - TCI CableVision Program Guide VCII
15 - E! - Entertainment TV
16 - The Travel Channel
17 - Lifetime West VCII
18 - TNT - Turner Network Television VCII
19 - Request TV I VCII
20 - BET - Black Entertainment Television
21 - FAILED TRANSPONDER
22 - Home Shopping Club II
23 - Cinemax - WEST VCII
24 - Request TV II VCII

ASC I - 128 W
No video on C Band at this time - has been in the past.
On the Ku side there are 2 MAC feeds and in busy periods
of times (Elections) - there may be some news feeds.

TELSTAR III - 125 W
18 - Fox Feeds
20 - TVN Feeds MAC?
23 - FOX Feeds
24 - TVN Promo Channel
perhaps as many as 17 transponders may be given over to
TVN by end of the year

SBS 5 - 123 W - Ku ONLY
Varies from news feeds to teleconferences
MAC system used frequently on Teleconferences

WESTAR 5 - 122.5 W
1 - CNN Feeds
2 - Dr. EuGene Scott University Network
3 - CNN Headline News Feeds
4 - NCTV - National College TV (Midnight - 6AM)
15 - Sports Channel - Bay Area (San Francisco) VCII P
18 - Group W feeds - Pittsburgh
20 - Midwest Sports Channel - Minneapolis, Minnesota VCII
22 - Caribbean Superstation (occasional)
any other transponder could be used for any number of other
feeds

SPACENET I - 120 W
On the Ku side - Several MAC feeds
Gannett News Service
On the C-side
4 - Univision feeds
11 - Hospital Satellite Network O
17 - No Video here - but carrier for many audio sub-carriers
21 - BTN - Baptist Television Network - O occasionally
Satellite Market USA - evenings
23 - 3 Angels (religious)

ANIK C3 - 117.5 W - Ku only
NO LONGER IN USE except possibly for rare feeds.

MORELOS - M2 - 116.5 W
2 - XHST - Trecevision - Ch. 13 - Merida, Yucatan, Mexico
3 - XEWT - Telemax - Ch6 - Hermosillo, Sonora, Mexico
8 - ITESM Campus - Educational - Monterrey, Nuevo Leon, Mexico
10 - occasional feeds
No Ku transmissions noted at this location

MORELOS - M1 - 113,5 W
2 - XHIMT - Imevision - Ch. 7 Mexico City
5 - UnID'd
7 - XHTV - Mexico City listed by some sources.
8 - XHDF - Imevision - Ch. 13 - Mexico City
9 - ???? - SuperCanal - Televisa Operation - Mexico City??
10 - XHGC - Ch. 5 - Mexico City
11 - MultiDeporte - ESPN feeds and others
14 - XEW - Ch. 2 - Mexico City
18 - Feeds
21 - XHLQR - Ch. 7 - Chetumal, Quintana Roo
23 - XEIPN - Ch. 11 - Mexico City
Ku - XHIMT uses occ. 1 of the 4 Ku transponders

ANIK D2 - 110.5 W
7 - Feeds noted
11 - Weather Now
12 - CTV Network L
15 - Musique Plus AM'S
Vision (religious) PM'S
16 - CTV Network L
17 - Canal 5 Europe (Quebec Outlet)
20 - Canada HomeShopping Channel
22 - First Choice - The MovieNetwork VC2
23 - CBC World News Channel O
24 - CTV Network L

ANIK C2 - 110 W Ku only
Various News and sports feeds
CBC World News as on D2 - but in the clear - occasionally

ANIK - C1 - 107.5 W - Ku only
2 - Musique Plus
4 - ASN - Atlantic Satellite Network
6 - Super Ecran VC2
8 - TOR - Teleport - misc. feeds
10 - Radio Quebec
12 - Quatre Saisons
14 - Canal Famille VC2
8PM - Chinese programming
16 - ROS - Sports Channel - French VC2
18 - TV Ontario - French
20 - TV Ontario - English
24 - Ontario Legislature
26 - YTV -
28 - Family Channel VC2

G-STAR 2 - 105 W Ku only
Used primarily for news feeds and teleconferences

ANIK D1 - 104.5 W.
1 - SCPC Radio feeds
2 - TSN - The Sports Network O
4 - Global Network feeds
5 - feeds
6 - MuchMusic
7 - Newfoundland CBC feeds
8 - CHCH - Ch11 - Hamilton, Ontario O
9 - WDIV - Ch4 - Detroit, Michigan O
10 - WXYZ - Ch7 - Detroit, Michigan O
11 - CBC North (Pacific - Yukon) feeds
14 - TCTV (CFTM call noted) - Montreal, Quebec O
15 - CBC French Network
16 - House of Commons - French
17 - CBC Newfoundland/Labrador feeds
18 - CITV - Ch13 - Edmonton, Alberta O
19 - CBC North (Atlantic/NWT)
20 - CBMT - CH6 - Montreal, Quebec (English)
21 - WTVS - Ch56 - Detroit, Michigan O
22 - BCTV (CHAN - Ch8) - Cancouver, British Columbia O
23 - WJBK - CH2 - Detroit, Michigan O
24 - House of Commons - English

G-STAR 1 103 W Ku only
used generally for news feeds the following also use
this bird regularly
Colorado State University
National Technological University
Hospital Satellite Network O

SBS 1 - 99 W Ku only - INACTIVE

WESTAR 4 - 99 W
6 - Shepherd's Chapel
National Christian Network
9 - KIN - Keystone Inspiration Network Red Lion, Penn.
10 - CNN Feeds
11 - Sky Store
PBS - D has recently used this XPDR VC2
15 - PBS - A VC2
17 - PBS - B VC2 occ.
18 - ABC New York
21 - PBS - C VC2 Occ.
23 - PBS - D VC2 Occ.
Many other XPDR's used for CNN and other feeds
At least 1 XPDR reserved for SCPC.

SBS 2 - 97 W Ku only - INACTIVE

TELSTAR 301 - 96 W
2 -CBS VCI
3 - Warner Brothers feeds
4 - ABC West
6 - ABC feeds
7 - CBS EaST VCI
9 - Warner Brothers feeds
10 - ABC East
11 - ABC Feeds
12 - ABC EaST
15 - CBS feeds VCI
In general almost every other transponder on this bird
is used for syndicated or other programming feeds. Those
listed above are relatively stable.

SBS 3 - 95 W Ku only
This uses 10 split transponders
1 - Feeds
3 - HI-NET Communications (Holiday Inns) MAC
4 - Feeds

5 - Hi-New MAC
6 - HI_Net MAC
7 - Conus News Feeds - Minneapolis, Minnesota
8 -
9 - Hi-Net MAC
10 - American Law Network
4 items are programmed on the Hi-New feeds -
CNN, TBS, Showtime, Satellite Cinema

GALAXY 3 - 95 W
2 - ESPN Blackout Channel VC2
5 - Cable Video Store (Par-Per-View) VC2
7 - ACTS
8 - Home Shopping Club
9 - QVC Shopping Network
10 - EWTN - Eternal Word
11 - Mind Extention University
12 - Nu-Star Cable Previews
13 - Weather Channel VC2
14 - C-Span II - U. S. Senate
15 - VH-I - Video Hits I VC2
16 - Viewers Choice II Pay-Per-View VC2
17 - MTV - East VC2
18 - MTV - West VC2
19 - Nickelodeon/Nick-At-Night - East VC2
20 - Lifetime West VC2
21 - Viewers Choice Pay-Per-View VC2
22 - Nickelodeon/Nick-At-Night - West VC2
23 - Ha!
24 - C-Span I - House of Representatives

G-STAR 3 Ku only - 93 W - NON-Stationary
This is in a pseudo-geostationary orbid
with a N/S drift - I have seen no video though I
have heard that there is a test card somewhere.

SBS-4 - 91 W Ku only

The 10 transponders of this bird are used mainly
for data services, news feeds and teleconferences.

WESTAR 3 - 91 W - INACTIVE - the last time you will
see it listed here

SPACENET 3 - 87 W Ku and C
3 - WSBK - ch38 - Boston, Massachusetts VC2
5 - KTVT - Ch11 - Dallas, Texas VC2'
9 - WPIX - Ch11 - New York, New York VC2
15 - KTLA - CH5 - Los Angeles, California VC2
16 - Shop-At-Home occ.
17 - feeds
18 - Commercial Programming e.g. - Incredible Inventions
19 - Starion Premier Cinema VC2
20 - Commercial Programming as XPDR 18
21 - PASS VC2
23 - Home Team Sports - Baltimore/Washington VC2
On the Ku side - mainly occasional sports feeds, etc.

RCA/GE K1 - Ku only - 85 West
Except for an occasional news or sports feed this
bird is not being used - is expected to be used for
a Satellite Pay TV service sponsored by among others
Rupert Murdoch of European Sky Channel fame

TELSTAR 302 - 85 W
1 - Feeds
7 - CBS fwwds - L
10 - ABC West
11 - ABC feeds occasionally
13 - feeds
14 - feeds
15 - CBS East L
16 - CBS West L
18 - CBS L
20 - CBS L
21 - Feeds

SATCOM 4 - 82 W

1 - Sports Channel - Cincinnati, Ohio
2 - Sports News Network
3 - Sports Channel - Philadelphia, Pennsylvania
4 - Guest Cinema - for hotels - VC2
5 - Family Network
6 - Madison Square Garden Network VC2
7 - Sports Channel - New York
8 - Program Guide
9 - A V N Shopping/Sports Channel - Chicago, Illinois
10 - National College Television - Days
- Sports Channel Plus
11 - Sports Channel America
12 - Rainbow PPV - MAC
13 - N E S N - New England Sports Network - Boston
14 - Sports Channel - Florida
15 - Shop At Home/Silent Network
16 - Sports Channel - Ohio
17 - Miscellaneous Retail Product programs
18 - Guest Cinema II for hotels VC2
19 - ICT Test Channel - Digital Subscription Music Channels
20 - International Channel
21 - Nostalgia Channel
23 - Sports Channel - New England
24 - Playboy-At-Night VC2

RCA K2 - Ku only 81 W
There are 16 transponders which may be split to make 32
6 of these are used by NBC
Cycle Sat uses 1 to feed news feeds and other items
A T & T uses one using MAC systemINDX Financial News uses 1
Eastern Washington University uses 1
A Chinese programmer uses 1 in the evenings

GALAXY 2 - 74 W
1 - CNN New York feeds
4 - CNN Los Angeles feeds
5 - CNN New York feeds
10 - West Virginia Educational Network
Much of what is on this bird consist of sports
feeds in almost every imaginable scrambling format
you can think of

SATCOM 2 - 72 W
2 - WBBM - ch2 - Chicago, Illinois VC2
4 - WABC - Ch7 - New York, New York VC2
7 - All News Channel VC2
11 - Home Shopping Club Spree
12 - WXIA - Ch11 - Atlanta, Georgia VC2
13 - NASA Select TV - Goddard Space Flight Center
(5) oops - NASA is also on this transponder occasionally
20 - International News Feeds (PAL, SECAM, NTSC) occ.
21 - JISO and other feeds (japanese news agency)
22 - Armed Forces Radio/Television Service MAC
23 - Feeds
24 - Globo Network Brazil feeds and others

SPACENET 2 - C and Ku 69 W
1 - Drive In Pay Per View VC2
2 - Nebraska Educational Television Network
3 - Rendezvous PPV VC2
4 - Nebraska ETV Classroom feeds
5 - Channel America
7 - Telemundo Feeds
9 - Telemundo Network
10 - ECO/Galavision News Service
14 - SCOLA Test Channel
16 - SCOLA primary channel
19 - KBL Sports Channel VC2
21 - United States Information Agency/World Net
on the Ku side:
Florida News Network
Tie-In educational Network O
United Press South
Kentucky ETV Feeds

BRAZILSAT 65 - not viewable from this location
Services reportedly carried -
TV Globo
TV Bandeirantes
Rede Manchete
World New
Embratel Network
all of these are in the PAL color format

INTELSAT - 53 W C and Ku (VB F 13)
11V - France Relays in PAL, SECAM and NTSC
14V - ITC/BBC feeds
16V - IDB European feeds and others incl CNN London
Not visible due to spot beam from this location are at
least 3 channels for Argentina CH7 and 13)
and CH 7 = TV Peru
Have not seen video on Ku, but have seen data transmissions
Morocco and Portugal also use East Spot beams 1 XPDR each
PANAMSAT - C and Ku - 45 W
6 transponders on Ku may be split to make 12
feeds have been noted on 5 with a hybrid English/
Spanish CNN on 15
The C band is too weak usually here to get positive
ID's, but
2 - feeds
9 - video seen
12 - BrightStar feeds/Telemundo
21 - ESPN in MAC which used to be on Ku

INTELSAT - 34.5 W (V F 4) has Ku but is technically kaput
TVE Spain uses 2 East beam transponders to relay to
the Canary Islands
23/24 - uses a combo of split and full transponders
for news and sports feeds Westward

INTELSAT - 27.5 W ((VA F11) C and Ku
1 - TVE's Canal America - Madrid, Spain NTSC
3 - being used at writing for Televisa World Cut feeds in PAL
7 - feeds from Bogota, Colombia NTSC color
8 - Televen - CH10 - Caracas, Venezuela NTSC
9 - BrightStar - news feeds
10 - SuperCanal V - CH5 - Caracas, Venezuela NTSC
11 - NBC London to US in NTSC
14 - ABC London feeds to US NTSC
18 - USIA/WorldNet = NTSC
22 - Unknown MAC
Others such as Libya use this bird for programming,
but not directed to the US.

On the Ku side all services are direcred to Europe and include:
BBC TV Europe
Children's Channel
CNN International
Discovery Channel
KindernetSFSuccé
SIS Satellite Racing

INTELSAT VI F2 - 24.5 W C and KU
Newly position here after testing
Was used for feeds from Malta/Colombia/Panama with good results at former position seen here.
No Ku in use at this time.

INTELSAT V F2 - 21.5 W C and Ku
No apparent usage yet on C
News feeds possible on the Ku side

One transponder is used for International News Feeds
Ku is spotted to Europe and is used mostly by Italy

GORIZONT 15 C and Ku 14 W (Statsionar 4)
Transmits Program I in SECAM color
other transponders used for OIRT/Intersputnik
News Feeds and Programs such as Cubavision from Havana, Cuba (XPDR 6)
Ku is 1 transponder directed to Europe

GORIZONT 12 - 11 West (Statsionar 11) C and Ku
No Ku noted.
Noted some time ago on XPDR 8 was Moscow/Program II in SECAM Color. News feeds have also been noted.

Both Gorizonts have a N/S bounce which makes them visible for only parts of each day unless you can track them that way.

ADDENDUM
Satcom 1 XPDR 22 - Satellite Telecommunication Educational Programming and A sports Channel (NW) in the evenings.
Shop At Home is still transponder hopping was last noted on Spacenet 3 XPDR 11 in addition to Satcom 4 feed.
PLEASE LET ME KNOW OF ANYTHING MISSING OR NEW THAT YOU COME ACROSS IN YOUR VIEWINGS
73's until next time when I'll do a rundown of the Audio Subcarriers.

BULLETIN

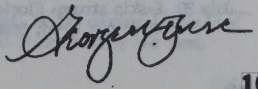
Galaxy 2 - XPDR 11 - DOD (Department of Defence) Saudi Arabia
This is uplinking to the US all kinds of feeds for the networks and others from the military positions on the shore of the Persian Gulf in Saudi Arabia.

Galaxy 2 XPDR 7 - CNN cintinuous feed from Cairo, Egypt.
Satcom 2 - various transponders - are being to relay local transmissions from Amman, Jordon, Iraqi TV, Israeli TV, Saudi TV via Arabsat and other sources. Most are converted to NTSC format.

Look at Galaxy 2 and Satcom 2 for feeds from the Persian Gulf crisis area.

Satcom 2 XPDR 18 - LT 82 - Santa Fe, Argentina in PAL format - originating feeds for Basketball Tournament in Argentina.

That's it for now.



EASTERN TV·DX

Bill Nienajadly
PO BOX 2999
Clifton NJ 07015-2999

September 1990 Cut-off July 1st 1990 Deadline October 1st 1990

High band skip positivly ID-ed ! Bob Seybold on July 8th, logged CH 7 WJCT Jacksonville FL and two others above ch 6. Greg Coniglio reports from Ocean City MD with tropo galore. Overall ES and trops seemed to be in abundance for all. As for July 4th, it was trop not ES that was productive for William Hepburn in ON who logged WABC-7 Tr at 345 miles.

Bob Seybold 10567 Bennett Road Dunkirk NY 14048

There has been a lot of DX lately so I will turn in a report now before it gets too large. E-skip has been in nearly every day since late June with some super openings including double hop and high band skip. There has been some trops,nothing super but good.

June 29- Huge E-skip opening with double hop into Soutren Texas, New Mexico and Arizona, nearly every low-band station in in Texas was in at one time or another. Opening ran 0900-2200 or later with only breif breaks Covered Florida, Gulf states, Texas, Oklahoma, Kansas, New Mexico, Arizona. Some stations seen: Miami 2,4,6, Daytona Beach 2 Baton Rouge 2 New Orleans 4 & 6 Dothan 4 Tampa 3 Pensacola 3 Bryan Texas 3 Shrevport 3 Lafayette 3 Wichata Falls 3 & 6 Houston 2 Midland 2 San Antonio -4 Ft Worth 5 Lubbock 5 Weslaco 5 (double hop) Phoenix 3 Flagstaff 2 Dodge City 6 Beaumont TX 6 Tulsa 6 & 2 Great Bend 2 Springfield MO 3 Harrisburg Ill 3 (very short skip) Wichata 3 KC 4 & 5 Okla City KDUH 4 Hastings NE 5 and many others.

June 30th- July 6th- E-skip nearly every day; some good trops including all night trops including most Indiana U's Chicago U's, Michigan U's; Southren Ohio U's: Northren Kentucky, Cenrtal NY State, Western and Central PA: Ontario U's.

July 7th E-skip - WBRZ-2, WEAR 3, WPBT 2, KBTX 3. Kansas and Texas low band V's mainly North & Central TX. Trops---Chicago, Rockland U's. Madison 15 & 27, Milwaukee 18 & 36: South Bend , Indianapolis, Ft Wayne: Louisville 15 (rare): Dayton, Columbus ; WICD 15: Kansas City 41 & 51, breifly in evening; Joplin 16.

July 8th---Morning trops- Louisville; Cincinnati, Dayton: lexington, Columbus U's, Pikesville 22, Moorhead 38; Springfield 26, Newark Ohio 51: Indianapolis 20,40,59,63: South Bend U's, Ft Wayne U's: Richmond Ind 43, Bloomington 42, Owenton 52.....E-skip later-1200-2200 Huge opening HIGH BAND SKIP Panama City FL - 8 (new) Jacksonville 7 (new) KAYS 7 (new).. channels 2-6 loaded-several deep -very difficult to ID went to FM. LA., AL, FL, TX, AR, GA, MO, shifting up to OK, KS, NE, MO-many low band V's seen: locals 2, -4, 7, all taken out and covered: super intense signals: FM loaded.

July 9th E-skip strong Kansas 2, (both 3's) 4,5,6 Nebraska-KLNE-3: North Platte 2: North and South Dakota 2,3,4,5

July 10th Trops -- Dayton 22

July 11th E-skip 1800 on & off till 2330: Nebraska 3: Oklahoma, Kansas low band V's peaking 2100-2200- Some trops Michigan & a few Wisconsin U's; few Indiana U's in evening.

(ED Note here is another report by Bob Seybold-BN)

Another report to keep things up to date. There has been continous DX now for some time, mostly trops but some E-skip Good weather and high humidity has helped. A lot of the regulars and semi regulars have been in with good steady signal levels sometimes all day-some good into the night DX. However nothing of super distance. Will be at the convention, how about you? (Yep..I missed it again! Im moving and didn't have any time to go, next year!!!-BN)

July 16 E-skip-Kansas, Nebraska, Dakotas, Colorado, Wyoming-evening opening , channels 2-6 strong.

July 16-29 Some tropsin this period- FT.Wayne, South Bend U's often-Chicago on a couple of occasions- Madison U's daily. Dayton, Columbus, Nothren Kentucky, Indiana & Southren occasions mostly 0500-0900 and again 2000 and into the night.

July 17 E-skip North-South opening- Canada low V's to Northeast - Quebec, New Foundland : Moncton 2, Halifax, Rimouski in channels 2-6: also FL, LA, MS, Texas channels 2-5.

July 18 E-skip - FL, GA, LA, & KS channels 2-6 strong several hours peaking in evening.

July 19 E-skip new Dentop Texas 2, Amarillo 2 (new to me) : Houston & several TX channels 2-6 (north, central & east TX) in strong- KS, OK, NE also in including: Lakin 3: WLBT 3, KTBS 3, WEDU 3, WEAR 3, WPBT 2 ocasionally up to channel 5 from Florida: several 4's in.

July 20 E-skip strong- Florida V's 2-6 in also Shreveport 3, Layfayette 3, Byran Texas 3, WBRZ 2, WLBT 3, several on 4: non Id-ed; Several TX, LA, AL, GA, MS, OK, KS, low banders lasted 1400-2130 peaking in evening.

Bob Seybold continued

July 21 E- skip 1300-1400 Oklahoma 2 & 3 ; others not ID-ed not a major opening. Trops-many stations in 200 mile range to west in solid all day: New Cadillac 33 in excellent: most central and northren Michigan U's strong WCMU 14, WUCM 19, Saginaw 25 & 49 super , Lansing 23 & 47, Flint 28 & 66, Manstine 21, Cadillac 27, Traverse City 7 & 29 all this in morning: Sandusky 52, Ft Wayne U's; South Bend 16, 22, 46: Indianapolis 20,40,59 Richmond 43: Lexington 36: Terre Haute 38: Ontario U's above normal : Bowling Green 27 in all day.

July 22- Trops AM-east northeast good; Detriot, Mt Clemens, Saginaw , Lansing U's excellent: Toledo U's Sandusky U's good: new 41 noted (Huron, Sandusky Ohio area running bulletin board & such); Newark 51, Pittsburg U's Ontario U's in from many areas - 15,18(2),20,22,24,28,32(2), 35 Montreal, 38,40 (London and Ottawa),42(2) 44,45,48,51,53(2),54,55(2),56,59,61,64,68 plus other regulars: Rochester U's 15,21,31,38, & 40: Syracuse 24,43,68: Plattsburgh 57(rare) : Elmira U's, WNED xltr on 60(rare), Weston W.VA 5 (rare): Tennessee 39 weak.

July 23-26 Trops on all days-Indiana, Ohio,Michigan; Rochester LPTV U's 15,38,40 in often: Watertown,Plattsburgh, Syracuse,Utica U's in often, Elmira, Norwood 18, Ontario U's to east..15,32,38,44,53,42,55,40 in often also Montreal 35. Some E-skip in this period also mostly Florida & Gulf Coast stations.

July 27 Bref E-skip 1700-1800 WEDU-3, WPBT-2,-Otherwise good trops - Ft Wayne South Bend U's: WICD 15 at times; Michigan U's strong, Toledo U's , WBGU 27-Canada U's strong-some extra.

July 28 Trops good-Ft Wayne, South Bend U's, Chicago 26,32,38,60 breifly: Kalamazoo 52 (rare) Lansing, Flint Saginaw U's: Toledo super: WBGU 27: most Ontario U's good to excellent: Ohio 41, Mt.Clemens 38 strong Grand Rapids 17, Detriot 26, Ann Arbor 31 strong, Michigan V's strong . Thats all for now. More DX in next report.

Equipment; Zenith 9" AC-DC color : RCA 25" color (home set) 4 years old- 7ft dish with 4 bay bowtie feed (my own version) 0063 Channel Master Amp. Winegard all channel antenna -0064C Channel Master amp-Quantam VHF ant, 6 element . FH-3 rotors

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Christopher S. Dunne PO BOX 533 21500 Johnson St Pembroke Pines FL 33029

July 1990

15 TR 0039 WI6AJ -Palm Beach//WESH 139 miles — 15 TR 0140 W27AE-Sebring //WTOG-44 120 miles — 19 ES 1100 KTVO 3 MO -COLOR! 1217 miles

After a dry end of June for E-skip. FM/TV was OK on 7/19. CH 3 is the only decent E channel here. (Ditto here-BN) Bill, I hope for your sake you're moving out where TV DX is better. (UHF should improve a lot hopefully-BN) Too bad only 3 TV stations but a few more on FM. Take care 73's Christopher

---

Tom Bryant 849 Todd Preis Dr. Nashville TN 37221 (CDT)

July 1990

7 ES 1446 KFOX 3 TX 675
1458 KENW 3 NM 963
1501 KVIO 6 NM 1008
1511 KOTA 3 SD 1024
1529 KSNW 3 KS 799

7 ES 1617 KTVS 3 CO 926
9 ES 1800 KOTA 3 SD 1024
1800-2200 see notes
2200 KENW 3 NM 963
11 ES 2113 KBME 3 ND 1022

11 ES 2113 KSRE 6 ND 1022
2200 KDLO 3 SD 832
2230 KOTA 3 SD 1024
25 ES 2159 KBME 3 ND 1022

Notes; This genrally was a lack luster month for anything . No new adds;openings were unusally very short, and the signals quite weak. Lots of Tr most of the month,but all close-in repeats. 7/9 Would have been OK if the opening had not been so intense...started at 1800 and went nonstop to 2330 but the two repeats were all I was able to pull out of the mess. KENW was solid 2125-2320. 7/11 2nd time for KSRE. KOTA solid 1 hr. 7/25 No othr activity all evening ,,not even CCI on 2 just one short burst right at ID time (maybe MS?-BN) the audio was WSIl -3-ILL. Maybe ??? August will be better?! (Not here for me in early August-BN) 73's Tom

---

Frank Wheeler 6589 Wattsburg Road Erie PA 16509

June 1990

19 ES 1730 WPBT 2 FL 1110
1900 WEDU 3 FL 891
20 Tr 0950 WIXI 19 OH 305
25 ES 1300 CBFT 2 QU 404
27 ES 0002 WBRZ 2 LA 1016
0926 KPRC 2 TX 1212
0930 KGBT 4 TX 1339
1300 KWGN 2 CO 1312
1330 KFDX 3 TX 1144
1625 KJRH 2 OK 927

27 ES 1700 KSNW 3 KS 962

JULY 1990

1 ES 1158 KQTV 2 MO 797
6 ES 0817 KACB 3 TX 1325
0829 WBRZ 2 LA 1016
0930 KPRC 2 TX 1212
0931 WLBT 3 MS 880
1158 WWL 4 LA 1002
1159 KTBS 3 LA 992

6 ES 2203 KGAN 2 IA 598
8 ES 1500 KPRC 2 TX 1212
1557 KTBS 3 LA 992
1600 KARK 4 AR 832
2230 KTVY 4 OK 1030
10 ES 2328 KSNC 2 KS 1009
11 ES 2100 KNOP 2 NE 1059
2220 KLBY 4 KS 962

Note- Quite a coincidence on the cover of the July issue of VHF-UHF Digest. Of course my name is Frank, and my wife's name is Marge. (How about that!-BN) (Frank is looking for the address of WIXI-BN)

Ed Note; If you noticed , I spread out narrative reports so they are much easier to read. In the process I have used this smaller type, so even though the narrative reports are spread out...the space used is practically the same. This minor change comes after some comments from some members. What do you think?-BN

John F. Combs (N4SFS) 1308 Willow branch #24 Jacksonville FL 32205

July 1 ES 1035+ "Dirty"skip to N. chs 2-6
July 4 ES 0820-1000 KUSD-2 + various unids; Tr 1900-2145 Wilmington U's; SC 19,23
July 6 ES 1054+ KUSD + unids-no time to DX 1425 Breif-KGAN-2,KIMT-3,; 2313-0000...KGAN-2, KJRH-2, KSNC-2, KIMT-3 + tents. KOET-3, KSWK-3, KSNW-3, KNOP-2.
July 7 Tr 0630-0700 WSRE-23, WFGX-35, Panama City U's+V's, West Palm Beach U's...:ES 0930-1150 KACV-2 Amarillo TX--1213, KMID-2, KIII-3, KENW-3 , KTXT-5, XHRIO-2, KRIS-6, KCEN-6,+ tent. KVIO-6,;..1312-1330+ KGAN-2, KTVO-3 +unids-stuff in all afternoon but I was busy;..Tr 2240+ SC 10,13,19,25,27,35,57.
July 8 ES 1605-2035 KGAN-2, WCIA-2,WOI-5, WOWT-6, WLNS-6;...Tr 2200 Columbia U's.
July 9 ES 1350+ Definitely there on 2 & 3, but too much Trs:..Tr 1830-2100 Wilmington U's + V's; Charleston V's at best level ever: most SC U's.
July 10 Tr 2130+ SC U's
July 11 ES 1330+ KQTV-2,KMID-2, noted, but no time:...tr 2125+ Wilmington U's & V's, WZØAL Wilmington-345, WUNM-19-NC -416, WFXI-8-NC-436 super.
July 18 ES 1830-2030 KPRC-2, KJRH-2, KGAN-2, KBTX-3, KCEN-6+ at 1959, KTCA-2-St Paul MN 1191 "Twin Cities Public TV"
July 19 ES 1100-1710+ KJRH-2, KTVI-2, KGAN-2,KTVO-3,KMTV-3, KDLH-3,KDLO-3, KIMT-3, KOAA-5.
July 20 ES ? 1000-1130 Weird, diagonal CCI on WESH-2, varied Ø-1Ø khz CCI, like stuff I've seen to Latin America, but this seemed to peak to N.W.- no signs or evidence of any F2 activity. (UFO scatter likely..Hi!-BN)

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902

June 1990

```
18 tr 1805 WPTF 28 NC 251
      1857 WKFT 40 NC 265
      2215 WYED 17 NC 248
19 ES 0725-0735 MUF 2
      1827 MUF   2
      2000 WESH  2 FL 720
      2329 f/out
20 ES 0725 UNID  2z 3/4cb
      2201 MUF   2
21 ES 0004 MUF   2
      2145 MUF   3
22 ES 0235 MUF   3
   LS 1800 NC16  WYED 17
      1806 NC40 Fair to gd
   ES 2115 MUF   3
      2305 MUF   2
24 ES 1900 CUBA  3 t
25 ES 2213 MUF   2
26 ES 1800 WESH  2 FL t
      1859 WPBT  2 FL 900
      1900 KTBS  3 LA 983
      1927 KPRC  2 TX 1235
      1937 MUF   5
      1957 KDTN  2 TX 1164
      2030 WMAB  2 MS t
      2057 KJRH  2 OK 1031
      2059 KYTV  3 MO t
      2240 MUF   5
      2305 KQTV  2 MO t
      2326 KJRH  2 OK 1031
      2330 KMTV  3 NE 950
27 ES 0029 KUSD  2 SD 1050
      0030 WLBT  3 MS
      0045 KJRH  2 OK 1031
      0230 KUSD  2 SD t
      0259 f/out
      0411 CCI   2z
      0743 MUF   3
      2103 MUF   3
   TR 2259 WYBE 35 PA 119
28 Tr 0147 WNET 13 NY 196
   ES 1818 KDLH  3 MN t
      1820 KPRC  2 TX t
      2315 f/out
30 ES 2028 MUF   2
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JULY 1990
 1 ES 1100 KIMT  3 IA 853
      1122 KDLO  3 SD
      2159 MUF   2
 2 ES 2325 KMTV  3 NE t
 3 ES 0215 MUF   2
      2122 CBS   2+
      2230 KDLH  3 MN
 4 TR 0607+OH-16-25-28-43t
         +WNEO-45
      0750 CCI  17z
      0817 WGGT 48 NC 256
           WLXI 61 NC t
   ES 0835 MUF   2
   TR 0845 WDLI 17 OH t
      0849 WRDG 16 NC 251
      0925 WKFT 40 NC 265
   ES 1000-1414 UNIDs 2
      1424 PBS   3
   TR 1518 WUND  2 NC t
   ES 1616 MUF   2
   TR 1800 WCTI 12 NC 269
 6 ES 2000 KDLH  3 MN t
      2005 CUBA  3
      2100 MUF   5
      2130 KSNW  3 KS 1050
 7 ES 0729 WPBT  2 FL  900
      1430 KTBS  3 LA  983
      1511 KFDX  3 TX 1225
      1600 WPBT  2 FL  900
      1759 WLBT  3 MS
      2130 fade out
 8 ES 0220 MUF   2
      0758 PBS   3
      1105 NBC   3+
      1430 KTBS  3 LA 983
      1438 NBC   6
      1439 MUF   104.7
      1537 MUF   4
      1605 MUF   98.3
      1658 MUF   5
      1700 KQTV  2 MO
      1806 KFDX  3 TX 1225
      1823 MUF   3
      1829 KJRH  2 OK
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 8 TR 2012 OH 17
           WNEO 45 OH
   ES 2100 KSNW  3 KS 1050
      2116 KUSD  2 SD t
   TR 2128 WUAB 43 OH 293
      2212 MUF  88.1
      2300 KUSD  2 SD 1050
 9 ES 0230 MUF   2
10 TR 0005 OH    43
           WNEO 45t
11 TR 0141+WYED 17+NC-28-40
      0240 WNET 13 NY 196
      0248 WCVE 23 VA t
   LS 1801 WKFT 40 NC 265
   ES 1805 KUSD  2 SD t
      1826 UNID  3 SD
12 ES 2145 NBC   3
13 ES 1905 MUF   2
      2101 ""    ""
14 ES 2038 ""    ""
      2305 ""    ""
15 ES 1053 MUF   3
      1115 KUSD  2 t
      1950 MUF   3
      2234 ""    ""
16 ES 2155 MUF   3
17 TR 2349 WYED 17 NC 248
           WPTF 28 NC 251
           WKFT 40 NC 265
18 ES 1900 KTBS  3 LA 983
      1958 KJRH  2 OK 1001
      2104 MUF   2
20 ES 2123 MUF   3
21 TR 0806+OH-33-43
           WNEO 45 NC 48
   ES 0901 MUF   3
   TR 1001 WKFT 40 NC 265
   ES 1125 NBC   2+
      1943 MUF   3
22 ES 0825 MUF   2
      1052 MUF   2
23 TR 0639 W4OAH    VA t
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Eastern TV DX — September 1990

Joel Rosenberg 19 Glenayr Rd Richmond Hill Ontario L4B 2W3 (416) 884-8454

May 1990

27 ES 1858 UNID 4
KAKE-9
1959 KTVS 3 CO 1230
KLNE 3 NE 1055
2000 KUSD 2 SD 880
28 ES 1815 PBS 2
1900 KSNC 2 KS 1070
1917 KNOP 2 NE 1095
1918 KLBY 4 KS 1150
2325 KJLH 2 OK 1015
29 ES 1920 WWL 4 LA 1120
2000 KBTX 3 TX
2124 MUF 99 MHZ
30 Tr 0600 WFMJ 21 OH 200
31 ES 2300 WBRZ 2 LA 1120

JUNE 1990

1 ES 0735 MUF 3
0800 WLBT 3 MS 985
2 Tr 0643 WPSX 3 PA 200
ES 1200 KUSD 2 SD 880
8 Tr 0728 W40AG NY 105
Rochester/Channel America
9 ES 1030 WESH 2 FL
10 ES 0745 PBS 3
1305 UNID 2 -religion
13 ES 1530 MUF 2
14 ES 2307 KUSD 2 SD 880
15 Tr 0720 CIII 22 ON 200
WAKC 23 OH 215
WBGH 27 OH 290
15 Tr 0720 WGTE 30 OH 250
2255 CBLN2 340N 150
WXYZ 7 MI 210
16 Tr 1815 Rochester,Syr U's-s/f
all evening
1818 W43?? NY-video jukebox
(Maybe W43AP in Jamestown-BN)
1951 W62AN NY
Nedrow-xltr of WCNY
2005 W59AU NY
Utica-xltr of WCNY
19 ES 2000 WPBT 2 FL 1250
20 Tr 0630 WKYC 3 OH 200
WAKC 23 OH 215
25 ES 2300 MUF 2
26 Tr 0700 WVIZ 25 OH 200-s/f
WUTR 20 NY 215-as/f
Also Toledo,Youngstown
Detriot U's
ES 2200 MUF 2
2300 WBRZ 2 LA 1120
PBS 2

JULY 1990

2 ES 2300 NBC 2
CBS 3
2313 KYTV 3 MO
6 ES 0730 MUF 4
0754 KPRC 2 TX 1300
6 ES 0754 WKRG 5 AL 1020
1958 UNID 2
promo for K-95-FM
2030 WMAB 2 MS 895
2100 WLBT 3 MS 985
GW 2310 ???? 68+69 ON
Toronto-see note #1
7 ES 1135 ABC 2
1735 MUF 2
1930 Fade outs
2315 Lake trops
Rochester,Syr
W62?? NY
8 Tr 0940 Syr,H2Otown-sf
CIII 22 ON 200
WFMA 39 IN 345
0950 WKJG 33 IN 345
1016 WFFT 55 IN 345
1030 WKAR 23 MI 265
1200 WKMR 38 KY 445
ES 1500 UNIDs2+4
2200 Fade outs
9 Tr 0800 Detriot U's
2325 WUTR 20 NY 215
17 ES 2130 KPRC 2 TX 1300
2200 CBS 3 TX
18 ES 1930 MUF 4
2000 WBRZ 2 LA t
19 Tr 0750 Ottawa-Hull 24,40
CBOT2 33 ON
CBOT 4 ON 215
20 ES 2330 Detriot U's 210
CBLFT 68 150

Note #1; I suppose this counts as a station.(Yea I would say so-BN) This was a 100 watt test of Digital radio from CN tower(16 miles) on 798 ± 3.5 Mhz.(i.e. ch 68-69) on air July 5-17 including visual signal consisted of white background & about 30 horizontal black lines. One could hear the broadcast at one station in the city for public demonstrtion where they had a special decoder in a office & mobile van-no calls assigned by D.O.C. Good DX Joel

---

William R. Hepburn - 1211-1547 Mississauga Vly - Mississauga, ON L5A 3X8

Equipment: JVC HR-D630U VCR
12th floor balcony VHF discone/dipoles / indoor 4-bay UHF

- time EDT

June 1990

16 Tr 0506 WKEF 22 OH 345
20 Es 2251 MUF-2
26 Tr 0126 W59AU 59 NY 230
Utica (WCNY-24)
(ex-W33AB)
0335 unid-35
(Jukebox Net)
Es 2200 WSAV 3 GA T
27 Es 0050 MUF-99.3
1354 MUF-115.2

July 1990

3 Tr 0841 WLKY 32 KY 485 $
0847 WKEF 22 OH 345
0901 WKPC 15 KY 485
Es 2136 MUF-2
Tr 2216 WTJC 26 OH 340
2251 Daytn 22,45 345
4 Tr 0051 WLKY 32 KY 485
0318 WABC 7 NY 365
(new VHF-hi record)
0326 WTXF 29 PA 345
4 Tr 0338 WHSP 65 NJ 370
0343 WHSE 68 NJ 345
0353 WPHL 17 PA 345
5 Es 1312 MUF-2
7 Es 1446 MUF-3
8 Es 2135 MUF-104.9 KS/OK
12 Es 1838 MUF-2

Comments: Some nice trops on the 4th. Semi-locals were below normal strength. There was a higher-level inversion associated with an approaching warm front rather than the usual low-level radiational-cooling type inversion.

Jukebox Network stations popping up everywhere. My unid 43 turns out to be WSNR Syracuse (also has xltrs W11BP & W18AL). I expect they'll die just as quickly...considering they charge what works out to $50/hr to view videos. It would cheaper to hook up cable...or to buy a VCR and tape free all-night video shows such as those on WJET-24 and WAKC-23.

BCNU, Bill

Greg Coniglio 5100 Glenwood Drive Williamsville NY 14221

Report #1: vaction at Ocean City, MD- about 4 miles N. of Ocean City.
Equipment: Sony Watchman TV, bowtie for UHF and rabbit ears for VHF

First the skip report

June 1990
27 ES 1237 CKPR 2 ON 988
1601 KDLO 3 SD 1210
1628 KUSD 2 SD 1170
29 ES 1035 KTCA 2 MN 1031
29 ES 1100 KDLH 3 MN 1033
1101 KDLO 3 SD 1210
1200 KGFE 2 ND 1278
JULY 1990
1 ES 1100 KSNW 3 KS 1192
1101 CKPR 2 ON 988
KQTV 2(KS) 1050

All the channels 2-6 were empty for DX, but since I was only rabbit ears, the skip was weak. Many UNIDs were seen on 2-6 but the clarity of the screen is not tto great so I hoped for voice IDs. I also saw WPBT-2 and CUBA-3 once but I forgot to write it down.

Vacation trops June 23- July 2

MWAR-2-MD-104..KYW-3-PA-110..WTKR-3-VA-120..WRC-4-DC-108..WNBC-4-NY-162..WTTG-5-DC-108..WPVI-6-PA-110..WTVR-6-VA-140 WJLA-7-DC-108..WABC-7-NY-162..WFXI-8-NC-265..WTNH-8-CT-230..WUSA-9-DC-108..WWOR-9-(NY)-162..WCAU-10-PA-108.WAVY-10--VA-120..WBAL-11-MD-104..WHYY-12-DE-92..WJZ-13-MD-104..WVEC-13-VA-120..WLYH-15-PA-150..WHRO-15-VA-120..WBOC-16-MD-20 WPHL-17-PA-110..WYED-17-NC-261..WUNM-19-NC-303..WDCA-20-DC-108..WTXX-20-CT-241..WLIW-21-NY-190..WHP-21-PA-150 WMPT-22-MD-85..WLFL-22-NC-265..WNJC-23-NJ-107..WCVE-23-VA-140..WHSW-24-MD-104..WTAT-24-SC-473..W25AA-VA-54 (Onancock w/WHRO-15)...Also had WPDE-15 on it one night...UNID-25-Boston? (likely-BN)..WETA-26-DC-108..WTWS-26-CT-254 WJKA-26-NC-330..WGNT-27-VA-120..W27AJ-DE-59 (Dover w/WMDT-47)...WCPB-28-MD-20..WPTF-28-NC-330 (with WCPB off the air) WTXF-29-PA-110..WVIT-30-253..WNYC-31-NY-162..WHMM-32-DC-108..WTVZ-33-VA-120..WITF-33-PA-158..WRLK-35-VA-140.. WYBE-35-PA-110..WSBE-36-RI-309..WUNP-36-NC-197..WSBK-38-MA-342 (Ed note Nice Catch !!!-BN)..WJNJ-39-NC-330..UNID-39 see note#1..WMGM-40-NJ-40..WKFT-40-NC-311..W41AC-VA-54 (Onancock w/WAVY-10)..WXTV-41-(NY)-160..WPMT-43-PA-139.. W44AD-NY-200 (Hicksville NY LPTV) (Ed note; Great catch! that little peashooter really got out!-BN) ..WBFF-45-MD-104 WMDT-47-MD-20..WNJU-47-(NY)-160 (over WMDT)..WGCB-49 PA-134..WJCB-49-VA-120t see note #2..WFTY-50-DC-108..... WNJM-50-NJ-188 Hi Bill (Ed; Wow! now Im really impressed! My 4 mile local & #1 image maker!-BN)..WTVE-51-PA-140 UNID-51 LPTV see note #3..WNJT-52-NJ-125..W52ABt a PBS other than WNJT..WEDN-53-CT-260..WNVT-53-VA-?..WNUV-54-MD-104 WLIG-55-NY-211 (Ed; Yea that one really gets out-BN)..UNID 56 Boston? Arsenio Hall 38 Boston in that night. WGBS-57 PA-110..WCVW-57-VA-140..UNID-57 with WLIG (Ed note I have it listed but not at this moment-BN) WNJB-58-NJ-145 WCVX-58-MA-328..more CCi maybe W58AK-VA..W60AL-VA-54 Onancock w/WVEC-13..WTGI-61-DE-92..WTIC-61-CT-262..W63AM-VA-68--Craddockville w/WAVY-10..WDPB-64-DE-31 satellite of WHYY-12..WNAC-64-RI-309..WHSP-65-NJ-70..WTKK-66-VA-130,WSNL-67--NY-200..WMPB-67-MD-104..WHSE-68-NJ-160..UNID-68 could only make out "LPTV"

note#1 Thought at first it was WUNJ again,and it could have been, butthere were several mentions of New Britian CT and CT was in good at the time. A new translator up there? (Gonna check-BN)
Note#2 A religious station to the South with area code # 804 on the screen.Is this station on the air? (dunno-BN)
Note #3 Ch 51 LPTV seemed to come from the south, and it was running. The Channel America Network.

Back home in Clarence;

July 1990

3 Tr 1000 WCFC 38 IL 456
WFLD 32tIL
So. Bend U's & UNID 22 PBS
2350 WIHT 31 MI 257
HSN rare
4 Tr 0138 WLFI 18 IN 452
LS 2300 Binghampton and
Scaranton U's
5 Tr 0912 WLLA 64 MI 355
5 Tr 0740 WAQP 49 MI 260
WNYB off air
-lightining
So Bend U's-398

Some TV news: WNYB 49 Buffalo is now all religious, all the time, running a lot of TBN and some TCT (Total Christain Television) too. WUTV picked up Fox and is now Fox 29. (Just like Fox 29 in Philly-BN) In passing on the way home from Ocean City there seemed to be a TBN in Dover in the upper 60's and maybe a LPTV in Philly in the 40's(Ed note: in the 40's? That must be a new one...I'll check, Im at a freinds house typing this up-BN) could've been WMGM tho.
Also saw WGBS-57 in the 40's near Allentown. the trops here in Buffalo have been nice, but nothing like the INCREDIBLE openings openings down in Maryland. Yes,that many stations came in ABSOLUTY PERFECT with just a bow tie. i was on the 3rd floor, but even on the ground many of the stations were in . Some Dx was so strong that is was g stronger than the locals,snowfree in every direction Ipointed the bowtie, even if I dropped it on the floor.
I have NEVER seen anything like that in Buffalo, evn with Toronto or Rochester: under 60 miles. Also, the trop seemed to happen when there was LESS humidity instead of more, and started going quite early in the afternoon, with the sun still high in the sky. And maybe can explain this; We had a heavy thunderstorm, and I happend to put on the radio, and there was strong trop within 100 miles. Any ideas? (Ed note; Rapid inversions enhanced by the ocean?-BN) Good article by Joop J Prosee on propagation-enjoyed it very much. (So did I-BN). 73 Greg

Note from the editor: Im sorry if I didn't get to do up another page of reports, I do have more but this month I'm moving and unfortunatly didn't have the time for it. However next month I'll have all the time in the world and what ever was held back this month will be in next month's column. Sorry and Thanx for your understanding-BN

WESTERN TV-DX

Fred McCormack
Box 9077
Prairiewood Station
Fargo, ND 58106-9077

September 1990

Deadline: 10-11-90
Cut-off: 07-01-90

CORRECTIONS - In the July column, Bill Draeb's logging on May 27th at 2330 should have read KIDK 3 ID, not (WA). Thanks to careful reader Tom Bryant for catching this one. In the August column Doug Smith's logging of W68BR on May 31st at 0800 should have indicated the primary as WCFC-38, not WCIU-26.

Now on to the DX!

New____ New Mode_ _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - $

BN Baja California Norte CH Chihuahua NL Nuevo Leon SI Sinaloa
ZA Zacatecas ES El Salvador

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401 CDT

Guten tag. Here's the DX for the period of June 16 - July 15. My TV was rarely off for the first eleven days of July. Mixed in with the unids, fade outs, and assorted disappointments were several new stations. I love summer! So here it is - no relogs under 260 km (161 miles) (up from 250 km as I discovered that excluded some Chicago stations but included others).

June 1990
18 tr 0540 WHSL 46(MO) 170
0542 KDNL 30 MO 164
21 tr 0624 KDIN 11 IA 178
25 tr 0608 WHSL 46(MO) 170
Es 1659 CKCK 2 SK 942
2205 KNAZ 2 AZ 1217
26 Es 1959 WPBT 2 FL 1186
2221 WESH 2 FL 973
28 Es 1800 KMID 2 TX 898
1806 KENS 5 TX 919
1814 KIII 3 TX 1004
1815 KPRC 2 TX 836

July 1990
1 tr 2245 WHSL 46(MO) 170
2246 KDNL 30 MO 164
2 tr 0630 KPLR 11 MO 168
2 tr 0630 KNLC 24 MO 179
0633 WFIE 14(KY) 261
0635 WEVV 44(KY) 258
0640 WMVT 36 WI 195
0642 WTCT 27 IL 245
2007 WIIB 63 IN 247
2010 WHMB 40 IN 231
2100 WPNE 38 WI 267
KMCI 38 KS 291
(State #24)
2159 WGBA 26 WI 264
2214 KDNL 30 MO 164
2216 WHSL 46(MO) 170
3 tr 2118 WPNE 38 WI 267
WHSL 46(MO) 267
2133 WFRV 5 WI 267
WGBAt 26 WI
2159 WBAY 2 WI 267
3 tr 2201 WLUK 11 WI 267
2245 WHO 13 IA 178
6 tr 2202 WHO 13 IA 178
7 Es 1406 WESH 2 FL 973
1438 WESH 2 AZ 1217
8 Es 1428 WEDU 3 FL 1013
1437 *WFMYt 2 NC*
1445 WPBT 2 FL 1186
2125 WFSB 3 CT 910
11 Es 1630 KDTN 2 TX 680
1632 KPRC 2 TX 836
1645 KIII 3 TX 1004
2158 KWGN 2 CO 785
2201 WBRZ 2 LA 736
2222 KSNC 2 KS 478
(Shortest Es)
13 Es 2358 KNAZ 2 AZ 1217

Log now stands at 143 stations. Kansas becomes my first state logged with both tropo and E skip. (Both stations were received while I was looking for something else!)
God bless and 73's

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 CDT

Equipment: See July 1990 Western TV-DX

July 1990
1 tr 0605 KOCR 28 IA 268
Es 1845 *KCWCt 4 WY*
unid channel 2
1940 unid channel 3
2000 KOUS 4 MT
KYUSt 3 MT
2 tr 0530 @WTCT 27 IL
0538 @WCCU 27 IL 300
KDNL 30 MO 432
KNLC 24 MO 432
0600 WDRB 41(IN) 437
0612 WCET 48 OH 400
2 tr 0612 WKON 52 KY 437
CBLFT23 16 ON270
2335 K58BX 58 IA 265
(Davenport TBN)
2340 WHSL 46(MO) 432
WFIE 14(KY) 420
2354 WEIU 51 IL
2359 K58BS 58 MN 280
(Minneapolis TBN)
3 tr 0000 =WDKY 56 KY 514
WKGBt 53 KY
0004 W34AY 34 IL 300
(Champaign TBN)
3 tr 0008 WBNA 21 KY 437
0535 WYMT 57 KY 554
(Snow free)
W47AB 47 OH
(Mansfield WOSU-34)
W47AZ 47 IN 336
(Indianapolis WJN)
0555 WFIE 14(KY) 420
WCET 48 OH 400
KDNL 30 MO 432
WXMT 30 TN 585
(Home Shpg Club)
0610 @WAAY 31 AL 685

William Draeb (continued)

3 tr 0610 @WKHA 35 KY 554
WDRB 41(IN) 437
@WEVV 44(KY) 420
WAFF 48 AL 685
WEIU 51 IL
WKGB 53 KY 553
(Full color bar)
WZDX 54 AL 685
WCVN 54 KY 407
WIII 64 OH 400
0616 *WLJCt 65 KY*
0618 *WFLIt 53(GA)*
WPBYt 33 WV
WOSU 34 OH 395
WDKY 56 KY
WTVQ 36 KY 473
0830 WKMJ 68(IN) 437
Iron Mtn UHF's
snow free off
back of dish.
WBNA 21 KY 437
1228 CIII41 41 ON 410
CFMT 47 ON 410
WNYB 49 NY 445
(Snwfree o/WAQP)
WUTV 29 NY 445
WNED 17 NY 445
WNEQt 23 NY
1250 WNEO 45 OH 405
WEAO 49 OH 380
1251 *WPGHt 53 PA*
WQLNt 54 PA
2350 W62BU 62 IL 170
(Rockford WWTO-35)
4 tr 0000 *WTJRt 16 IL*
0006 K58BX 58 IA
Es 0900 unids chs 2-4 w
tr 1200 KIMT 3 IA 300
(Snow free)
2140 W68BR 68 IL 170
(Rockford WCFC-38)
(CCI from W68BS)
W62BU 62 IL 170
(Snow free)
W33AR 33 IL 170
(Rockford WCIU-26)
6 Es 2030 WESH 2 FL
WJXT 4 FL
2035 *WCBDt 2 SC*
WSAVt 3 GA
tr 2035 W40AK 40 MI 115
(Muskegon CHA)
Es 2045 WWAY 3 NC
tr 2050 WPBO 42 OH 462
WCET 48 OH 400
Es 2055 WEDU 3 FL 1192
2100 KATC 3 LA 1026
2106 *WLBTt 3 MS*
WBRZt 2 LA
tr 2110 WKON 52 KY 437
WDRB 41(IN) 437
7 Es 1345 unids chs 2-4 s
1412 KBTX 3 TX
1429 WLBT 3 MS 865
1555 KDBC 4 TX 1355
tr 1959 WXIX 19(OH) 400
WDRB 41(IN) 437
WCET 48 OH 400

7 tr 1959 WIII 64 OH 400
Es 2010 *WCBDt 2 SC*
tr 2010 WKMJ 68(IN) 437
(Snow free-2055)
2024 WGRB 34 KY 499
(Cincinnati BB)
2038 WPBO 42 OH 462
WOSU 34 OH 395
2040 WEMT 39 TN 613
2101 *WKCHt 43 TN*
WCVN 54 KY 407
WTVQt 36 KY
2129 WKSO 29 KY 538
WKHA 35 KY 554
WKON 52 KY 437
2153 WKPC 15(IN) 437
2215 *WMSYt 52 VA*
WYMT 57 KY 554
(WKYT-27 News)
8 Es 1715 KIII 3 TX 1285
1725 WEAR 3(AL)
2030 unids chs 2-6 s
2122 WLBT 3 MS 865
tr 2122 KWWL 7 IA
KCRG 9 IA
(Both snow free)
KOCR 28 IA 268
(Much weaker)
9 Es 1804 KDFW 4 TX
KDTNt 2 TX
1811 WESH 2 FL
1826 E skip all gone
2130 *KGNCt 4 TX*
KACVt 2 TX
10 tr 0445 CBLN5 20 ON 305
WSEE 35 PA 405
1920 WPBO 42 OH 462
WOSU 34 OH 395
2052 WGGN 52 OH
WKON 52 KY 437
Es 2111 unid ch 2 west
11 tr 0740 CBCE 16 ON
Es 1230 KDBC 4 TX 1355
XEPMt 2 CH
1530 KIII 3 TX 1285
1630 unid ch 3 Mexico
1716 KDFW 4 TX
KDTN 2 TX
KXASt 5 TX
1730 KWAB 4 TX
(Ch 9 Nxs slide)
KMID 2 TX
1736 *KTXTt 5 TX*
1748 *KFDXt 3 TX*
1750 KENW 3 NM
1756 *KACVt 2 TX*
2000 KJRH 2 OK 725
(See Note # 1)
2015 KBME 3 ND 665
KXMAt 2 ND
2023 KWSE 4 ND 811
2025 *KCWCt 4 WY*
KTWOt 2 WY
2200 KENW 3 NM
2207 *KMIDt 2 TX*
2209 KFDX 3 TX
12 tr 2005 WDRB 41(IN) 437
WPBO 42 OH 462
WCET 48 OH 400
13 tr 0555 CBCE 16 ON

13 tr 2029 WCET 48 OH 400
WKON 52 KY 437
WCVNt 54 KY
Es 2055 KKTO 2 NM
2113 *KOB t 4 NM*
KWABt 4 TX
KMID 2 TX
2210 *KDBCt 4 TX*
KENW 3 NM
KACV 2 TX
2235 KAMR 4 TX
2240 *KFDXt 3 TX*
2245 *KSWKt 3 KS*
E skip all gone
14 Es 2015 KIDK 3 ID
2033 *KCWCt 4 WY*
2145 WGBH 2 MA 830
2210 WBZ 4 MA 830
CBHTt 3 NS
2215 WCVB 5 MA 830
WLNEt 6(RI)
2220 *WLBZt 2 ME*
WFSB 3 CT 776
2225 *WNBCt 4 NY*
2228 *WCBSt 2 NY*
2313 E skip all gone
15 Es 1104 unids chs 3, 5
KMIDt 2 TX
1130 E skip all gone
2110 unid channel 2
17 Es 2126 *KACVt 2 TX*
2159 KFDX 3 TX
18 tr 0828 WUSI 16 IL 402
Es 1719 WCBD 2 SC
WESHt 2 FL
unid channel 4
1728 WSB 2 GA 768
1745 *WTVJt 4 FL*
1749 WSAV 3 GA 972
1750 *WUFTt 5 FL*
1758 *WJXTt 4 FL*
1826 WBRZ 2 LA 1002
1828 WEDU 3 FL 1192
WPBT 2 FL 1368
1930 *KATCt 3 LA*
WWL t 4 LA
2030 Almost all gone
19 tr 0648 W33AR 33 IL
W62BU 62 IL
W68BR 68 IL
CBLN5 20 ON 305
(Snow free)
CBLN 40 ON
CBLN4 45 ON
CICA51 51 ON 305
0704 CBLN2 34 ON
Es 1215 KRIS 6 TX 1285
KIII 3 TX 1285
WKRG 5 AL
1300-1315 (See Note#2)
20 tr 2008 W23AT 23 IL 195
(Mokena VJN)
(See Note # 3)
Es 2137 unids 2, 3, 5 s
2156 WLBT 3 MS 865
2200 KATC 3 LA 1026
WBRZt 2 LA
21 tr 1827 WDRB 41(IN) 437
WCET 48 OH 400
Es 2105 unid ch 2+ south

William Draeb (continued)

Note # 1 - 07/11 @ 2000 - KJRH-2. Same style "2" as WESH. Good thing "Tulsa" was on screen next to it.
Note # 2 - 07/19 @ 1300 - Channel 2. Tone with no video. At 1315, full color bars with tone which lasted until 1354. It turned out to be WDIQ. I thought I had Cuba or Mexico or something; what a disappointment!
Note # 3 - 07/20 @ 2008 - W23AT. Nearly snow free. Mokena is about 10 mile east of Joliet. ID slide shown at 2111 and 2112. No Morse code ID noted.

On July 18th (and other times), I got Iron Mountain, Michigan translators good and I noted WLUK-11 on channel 43 (as I have in the past). (In the November 1989 column, I reported my observation of channel 43 carrying WDIV-4. fm).
I don't know when W23AT began operations. I ran across them on July 20th with a nearly snow free picture. They seem to be running about the same power as the one in Waukegon, Illinois. I had to wait over an hour before the ID slide showed up. Then I had to figure out where Moneka was. Another thorn in the ---.
In going over the old VUD's to update my totals, I realized that W42AF (SelecTV) in Ripon isn't on anymore. When did they go dark?
That's all for now. 73's. Bill

(Bill, I wonder if the same thing happened at Iron Mountain as happened at Champion. According to a report in the February 1990 Television News column, WDIV forced the operators of a translator there to stop carrying its signal, the carriage of which WDIV had not consented to. fm)

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604) 537-5201 PDT

Equipment:
Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR. Antennas: VHF - Lindsay CC-30 22 element log-periodic with Dalco EID-3SV 28 dB mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. UHF - Radio Shack 4 bay with 15-1108 adjustable mast-mount preamplifier @ 57 feet asl/agl.

June 1990

28 tr 0247 KREM 2 WA 315
0252 KXLY 4 WA 315
30 Es 1832 KLNE 3 NE 1325
1900 $KMTV 3 NE 1440
1933 KNOP 2 NE 1240
1937 f/out MUF: 73MHz

July 1990

1 Es 2033 $KWGN 2 CO 1110
2034 KCNC 4 CO 1110
2050 KSNW 3 KS 1515
2057 KCWC 4 WY 845
2059 *KJRHt 2 OK*
2100 KSWK 3 KS 1365
2113 $KMOV 4 MO 1800
2159 KLBY 4 KS 1290
2 Es 0942 KSWK 3 KS 1365
5 Es 1740 KENW 3 NM 1480
1743 $KVBC 3 NV 995
1746 KRON 4 CA 770
1800 KTVQ 2 MT 750
KCWC 4 WY 845
1803 $KNBC 4 CA 1055
1814 WDAF 4 MO 1590
1816 KMTV 3 NE 1440
1854 KTWO 2 WY 940
1900 KTVQ 2 MT 750
$KREG 3 CO 1040
1915 KLBY 4 KS 1290
1926 KEYT 3 CA 1010
1943 $KCRA 3 CA 740
2000 KSNW 3 KS 1515
2018 $KSNC 2 KS 1435
5 Es 2024 $KPRY 4 SD 1170
2026 KDUH 4 NE 1095
2029 KTVS 3 CO 1165
2044 KEYT 3 CA 1010
2059 KLNE 3 NE 1325
2116 $KTVS 3 CO 1165
2138 KTVX 4 UT 805
2200 KTIV 4 IA 1390
2202 KLBY 4 KS 1290
2208 $KIMT 3 IA 1520
2218 KTVK 3 AZ 1230
2220 KFOR 4 OK 1615
2230 KRNV 4 NV 670
2246 f/out MUF: 108+
6 tr 1956 OR 24, 24 s/free
2005 KMTR 16 OR 330
8 Es 1859 KTWO 2 WY 940
1900 $KPRY 4 SD 1170
KDLO 3 SD 1260
1912 KTVS 3 CO 1165
1920 KWGN 2 CO 1110
1938 KIDK 3 ID 650
2000 KUSD 2 SD 1350
2001 KSWK 3 KS 1365
2052 KKTO 2 NM 1260
2100 $KTVK 3 AZ 1230
2136 KNAZ 2 AZ 1145
2138 f/out MUF: 91.1
9 tr 0727 KAYU 28 WA 315
0730 KXLY 4 WA 315
0733 KREM 2 WA 315
0736 KLEW 3 ID 355
Es 1946 KLNE 3 NE 1325
2000 KTVS 3 CO 1165
9 Es 2001 KMTV 3 NE 1440
2032 KIMT 3 IA 1520
2100 KSWK 3 KS 1365
2104 KOB 4 NM 1290
2136 unid 3z Spanish at 120°
2158 KUSD 2 SD 1350
2207 f/out MUF: 72MHz
10 tr 0638 Yakima U's 225
Es 2100 KTVS 3 CO 1165
2130 unid ch 3 ese
2159 $KOTA 3 SD 1030
2200 KNOP 2 NE 1240
11 Es 1900 KTVK 2 AZ 1230
12 Es 1726 $KVBC 3 NV 995
1900 KOTA 3 SD 1030
1916 KCRA 3 CA 740
15 Es 2014 KDUH 4 NE 1095
2026 KTVS 3 CO 1165
2029 $KTWO 2 WY 940
2139 $KEYT 3 CA 1010
17 Es 1816 $KMTV 3 NE 1440
1913 *KSNBt 4 NE*
1931 $KCNC 4 CO 1110
1936 KWGN 2 CO 1110
tr 1946 OR 24, 32 s/free
Es 1958 KIEM 3 CA 560
tr 2120 KCWT 27 WA 195
2148 KBPS 22 OR 275
(Over KTZZ-22)
18 tr 0714 KATU 2 OR 235
0735-0815 Tri-Cities & Yakima U's
20 Es 2114 KTVS 3 CO 1165

Mike Cherry (continued)

22	Es	1814	KVOA	4	AZ	1325	22	Es	1829	KTVS	3	CO	1165	
		1827	KTVK	3	AZ	1230			1834	KLBY	4	KS	1290	
									1900	KVBC	3	NV	995	
									1958	KSWK	3	KS	1365	

22	tr	2146	KCKA	15	WA	165
			(Snow free)			
	Es	2200	KNAZ	2	AZ	1145
			$KTVK	3	AZ	1230

CORRECTION: On reviewing videotape - May 28th E skip 1200 and 1230 PDT - calls are XHPN 3 CU, not XEPN as reported in July 1990. Sorry.

E skip has mostly been spotty and very sporadic - usually only one, maybe two stations in at a time and usually for about 15-30 minute durations. Some loggings this report were openings of two minutes duration or less! The Dalco EID-3SV preamplifier was sent to me as a prize by Doug Allen in Colorado who intended it for FM use. Same problem as with Realistic 15-1108 - on FM there is too much intermod, imaging, etc. I decided to try it as a comparison to the Lindsay VX-25 preamplifier and like the Dalco unit better when both have been used on the VHF-TV array. The EID-3SV has an extra three dB of gain and has no gain adjustment - a feature I don't use or need anyway. I'll box up the VX-25 as a spare, if needed. Hope everyone has taken a shot for some meteor scatter with the Delta-Aquarids (late July) and Perseids (August). Good luck with the ID's!

The above E skip loggings don't include numerous unids except for the two with some clues as to origin. Some relogs not noted. As I'm well into my 2nd season of TV E skip, I'm getting to know my "regulars" (read: pests) KTVS-3 CO, KSWK-3 KS, KLBY-4 KS, KMTV-3 NE, KTVK-3 AZ, and KVBC-3 NV have been in almost daily! Very little tropo, but with the hot weather there has been a fair amount of local enhancement (up to 200 mile-range) on all bands recently. No meteor scatter or F2 noted. 73's, Mike

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Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) MDT

DX from my gift shop in Divide, four miles west of my home in Woodland Park at 9100 feet.

Equipment:
1981 13" black and white Magnavox, Antennacraft CS-1000 30 element yagi at 20 feet with rotor.

June 1990

1	Es	1806	WCMH	4	OH	1170	22	Es	1232	WSB	2	GA	1200	
5	tr	1100	KSWK	3	KS	230			1235	WAVE	3	KY	1035	
6	Es	1400	CFRN	3	AB	1066			1303	WDIQ	2	AL	1165	
11	Es	1400	unid ch 3 PBS						1305	WRBL	3	GA	1225	
		1430	unid ch2 Spanish						1700	KATC	3	LA	950	
			unid ch3 Spanish											
14	tr	0930	KSWK	3	KS	230	July 1990							
	Es	1329	WSIL	3	IL	880	1	Es	1730	KGFE	2	ND	720	
		1346	WMAR	2	MD	1515				(State #27)				
			(Double hop - state # 26)						1740	*CBWFTt*	*3*	*MB*		
							3	Es	1330	WRCB	3	TN	1115	
		1400	WDTN	2	OH	1110	4	Es	1100	WCIA	3	IL	885	
		1510	WTWO	2	IN	945			1159	KGAN	2	IA	725	
		1515	WAVE	3	KY	1035			1500	CFAC	2	AL	945	
		1526	WJMN	3	MI	1040	5	Es	1100	WBRZ	2	LA	990	
16	tr	1000	KBSL	10	KS	190			1300	KEYT	3	CA	880	
			KTVS	3	CO	155				*KNBCt*	*4*	*CA*		
			KSWK	3	KS	230	6	Es	1030	KEYT	3	CA	880	
		1030	KSTF	10	NE	220			1037	KSBY	6	CA	895	
18	Es	1400	XEFB	2	NL	961			1100	KOMO	4	WA	1050	
		1511	WBRZ	2	LA	990			1130	KATU	2	OR	1005	
									1131	CFAC	2	AL	945	

6	Es	1200	KREM	2	WA	855
			KLEW	3	ID	795
			(State #28)			
		1357	CKND2	2	MB	816
		1400	*CBWFTt*	*3*	*MB*	
			KBMEt	*3*	*ND*	
			unid channel 4			
		1430	KBME	3	ND	565
7	Es	1307	KTAL	6	TX	745
		1359	WTTV	4	IN	1010
		1533	WAVE	3	KY	1035
11	Es	1047	WDTN	2	OH	1110
		1100	WTWO	2	IN	945
		1217	WTVF	5	TN	1015
		1252	WKRN	2	TN	1015
		1334	WSIL	3	IL	880
		1400	KTVI	2	MO	790
12	Es	1151	WBRZ	2	LA	990
		1200	KATC	3	LA	950
13	tr	1040	KSTF	10	NE	220
		1100	KGWN	5	WY	145

All of the above DX was from my store in Divide, Colorado, about three miles west of my house. Although at 9100 feet elevation, it is 100 feet higher than my home QTH; it is situated in a depression with the horizon only a few hundred feet to the north, Pikes Peak ten miles south southeast, and Rampart Range five to ten miles to the east. It is a better location for E skip, a worse one for tropo than my home QTH on the top of a hill. It undoubtedly is a better tropo DX location for west and south, but I have yet to get any tropo from those directions.

After the late May - early June E skip which I mostly missed, E skip has been poor to fair, not one of the better years.

I plan to have my UHF DX'ing setup up and running by the end of August.

Doug Smith, 3105 Oakridge Avenue, Madison, WI 53704-5848 CDT

Equipment:
Sears tabletop color stereo set, big (model unknown) Winegard VHF only, and Radio Shack "panel" UHF, antennas up about 25 feet.

July 1990

3 tr	0600	WIIB	63	IN	299	4 tr	2003	KSTP	5	MN	221	4 tr	0740	WHMB	40	IN	269
		WHMB	40	IN	269			WKBT	8	WI	114			W68BR	68	IL	60
	1900	*KTVOt*	*3*	*MO*				WHLA	31	(MN)	107			(Rockford | | | WCFC-38)
		(See Note # 1)				6 Es	1014	WESH	2	FL	1041			WXIN	59	IN	268
		WTJR	16	IL	228		2021	WMAR	2	MD	687			WEEK	25	IL	170
		WICS	20	IL	219		2027	WUND	2	NC	826			WTTK	29	IN	225
		WRSP	55	IL	217		2100	WBRZ	2	LA	864			WCLJ	42	IN	299
		WAND	17	IL	211	7 tr	0740	WYIN	56	IN	136			W36AO	36	IL	80
		WYIN	56	IN	134			W62--	62	??				(Palatine | | | VJN)
		WCIA	3	IL	204			(See Note # 3)				8 Es	1355	WPBT	2	FL	1291
		(See Note # 2)						WICD	15	IL	219			WESH	2	FL	1041
4 tr	2003	WHWC	28	WI	174			(See Note # 4)						WUFT	5	FL	971
		WEAU	13	WI	126			W33AR	33	IL	60		1900	WPBT	2	FL	1291
								(Rockford | | | WCIU-26)						

Distances on LPTV's are approximate.

Note # 1 - Tentative. Severe CCI to WISC-3 while Quad Cities and Quincy stations were in with excellent signals.
Note # 2 - I knew I'd eventually log a DX station on channel 3 (WISC-3 is ten miles away and line of sight..) but never thought I'd do it on tropo before I'd do it on E skip! News with CBS national stuff and ad for apartment complex with area code 217 slipped in while WISC-3 was in black.
Note # 3 - TBN, relaying WWTO-35 off air. (They aired a WWTO ID at 0800). Suspect Rockford, but could be elsewhere.
Note # 4 - Local WMTV-15 off air until at least 0930 with transmitter problems.

(I presume your logging of WWTO on channel 62 is W62BU, Rockford. fm)

Ed Frye, 22618 Cardiff Drive, Santa Clarita CA 91350-3017 PDT

Equipment: See August 1990 Western TV-DX

July 1990

8 Es	1045	cci - channel 2 northeast
10 Es	2300	cci - channel 2 northeast-east; weather hot and humid
15 Es	2345	cci - channel 2 northeast-east; very heavy to east
	2355	unid channel 2 east; "Siskel & Ebert" under KCBS
16 Es	0000	KOAB-3 (685 miles)
	0010	unid channel 2 east; audio in/out over KCBS
	0015	unid channel 2 east; extremely heavy CCI and pulsating of pictures; audio overtakes KCBS program
	0020	opening and cci completely fade out
	0900	cci - channel 2 northeast returns! Hot/humid conditions continue
	0930	KLEW-3 (810 miles)
		cci - channel 2; heavy "venetian blinds"; MUF briefly to channel 4
	0940	KOAB-3; lasts until 1010
	0945	cci - channel 2; nearly overtaken again!
	1015	unid channel 3 east; "Golden Girls"
	1030	opening rapidly fades; weather conditions cool down
19 Es	1900	cci - channels 2 and 4 northeast-east
	1915	unid channel 3 east; ABC; central time zone; "Young Riders"
		cci - channel 4 east; heavy
	1920	unid channel 2 northeast; CBS (under local KCBS)
	2000	KACB-3 (1090 miles); lasts until 2025
	2015	cci - channel 2; extremely heavy - KCBS out
	2030	opening fades

July 90 in normally dry southern California was earmarked by two tropical storms/hurricanes off the Baja peninsula that sent uncommon amounts of humidity inland. This, in conjunction with the high temperatures that prevail at this time of year, promoted some peculiar low-band skip. In fact, I cannot recall having witnessed such strong co-channel interference on channel 2 before. Noteworthy were the morning hours of July

Ed Frye (continued) 16th when a very bold "venetian blind" pattern, accompanied by an intense pulsating picture, dominated channel 2 and overtook local KCBS. Yet, despite all this activity on the screen, only two regional relogs emerged through this short but vivid opening -- KOAB-3, Bend OR and KLEW-3, Lewiston ID.

John Ebeling, 6843 County Road 47, Alborn MN 55702 CDT

DX from cabin at Alborn (Prosit), Minnesota

Equipment: See July 1990 Western TV-DX

Since May (the hot month!), E skip seems to have declined somewhat. I spent a few days in northwest Ontario this past week, but found no E skip on the FM band while up there. (Dryden, Atikokan and Sioux Narrows regions).

June 1990

2 Es	0930	KPRC	2 TX	1213
	1000	WFMY	2 NC	1011
	1030	WRAL	5 NC	1066
		unid 2, 4 French		
		CFRS-4? Super 4,		
		Cable 7		
	1843	WCBD	2 SC	1184
	1900	WYFF	4 SC	971
3 Es	1800	WCBD	2 SC	1184
8 Es	1700	WUND	2 NC	1134
		(Only one in)		
10 Es	1030	unid NBC-2 CBS-2		
	1100	WGRZ	2 NY	748
	1255	KKTO	2 NM	1054
11 Es	1000	KMID	2 TX	1149
13 Es	1018	KKTO	2 NM	1054
	1100	KACV	2 TX	935
		KAMR	4 TX	937
	1300	KMID	2 TX	1149
14 Es	0115	CKSA	2 SK	884
	0930	KPRC	2 TX	1213
	1500	unid ch 4 Texas		
		unid ch 2 Texas		
		unids chs 2-5		
25 Es	1730	KNAZ	2 AZ	1282

July 1990

1 Es	1812	KUTV	2 UT	1065
3 Es	1630	KDTN	2 TX	1021
		(Like a local)		
4 Es	0930	KREM	2 WA	1152
4 Es	1200	unid ch 2 XEW		
	1400	KREM	2 WA	1152
6 Es	2200	KBCI	2 ID	1156
8 Es	2200	WCBD	2 SC	1184
	2230	WSB	2 GA	1010
	2300	WPBT	2 FL	1602
		WDIQ	2 AL	1116
	2318	WMAB	2 MS	960
15 Es	2355	KNAZ	2 AZ	1282
16 Es	0005	KMID	2 TX	1149
20 Es	2032	KOMO	4 WA	1384
23 - 26		In Canada on trip		
27 Es	2137	KREM	2 WA	1152
	2340	unid channel 2		
		(Very good pic)		

Jeff Kadet, Box 20, Macomb IL 61455 CDT

Equipment:
Zenith 9" black & white, Zenith 12" black & white, Zenith N1310, Zenith Y1310 (all circa 1979-1982). Winegard CS-2073 10 element ch 7-13 log periodic with CP 3800 preamp, RG-11 foam up 80'; Channel Master 7' dish with PA 4975 preamp, .500 aluminum hardline, up 75'; Stereo Probe 9 with RG-11 foam up 43'; Finco 5 element 50-54 MHz yagi with Belden 9913 up 37'

May 1990

28 Es	0354	KREM	2 WA	1403
		KHQ	6 WA	1403
	0359	@KZZC	4 UT	
		KVBC	3 NV	1351
	0521	CFQC1	3 SK	1149
		@KTVX	4 UT	1127
		KUTV	2 UT	1127
		KGWN	5 WY	750
	0538	@CHAT	6 AB	1186
		@KIDK	3 ID	1145
	0654	@KTVQ	2 MT	966
	0714	CFQC2	6 SK	
	0727	CBKFT2	3 SK	1133
	1400	CKRD	6 AB	1358
		CITL	4 AB	
		CKBI	5 AB	
		CBXT	5 AB	1410
	1723	XHBQ	3 ZA	1370
29 Es	1159	KSWK	3 KS	
31 Es	PM	KTAL	6 LA	580

June 1990

9 tr at Frank Merrill's

0500	CHCH	11 ON	593
	WJBK	2 MI	411
	WJJA	49 WI	
	(Home shopping)		
	W34AY	34 IL	148
(Champaing			TBN)
20 Es 0930	CBKT1	4 SK	1006
	Cuba ch 5 - TP		
26 Es 1435	XERP(T?)	2 ??	
	(ID w/XERPS(TS?))		
	(New station?)		
1830	WDIQ	2 AL	660
27 Es 1000	WMAB	2 MS	498
27 Es 1100	KLBY	4 KS	572

August 1990

1	New dish installed			
tr	PM	K58DH	58 MO	125
(St. Louis				VJN)
		WPBY	33 WV	472
	2017	W62BU	62 IL	150
	(Rockford			TBN)
		WPGH	53 PA	561
		WPCB	40 PA	573
2 tr	0006	W47AZ	47 IN	240
	(Indianapolis			VJN)
	0315	W19BA	19 MI	308
	(Grand Rapids			TBN)
		WDCA	20 DC	728
	0900	WDSI	61 TN	467
		WTCI	45 TN	467

There occurred a minor mishap here in March. Mainly, my seventy foot tower fell during a severe windstorm. At least it fell on my house and not a neighbors'. My ham antenna and the channel 7-13 log periodic were demolished, but the seven foot dish survived somewhat intact, with no harm to the bowties or screen. A few reflectors were slightly bent and a few others broke, but they were repairable. The dish was stacked between the ham and the log periodic so it was "cushioned" in the fall.

Jeff Kadet (continued) Anyway, I decided to put up a new tower, but this time it was done in such a way that I'll never have to worry about it falling again. Better quality tower, guys, anchors, mast, plus guy wire redundancy in case any should somehow break. A new dish was ordered, but the order got messed up. So instead of waiting for most of August for a new one to come, I decided to repair the one that fell and screen it. Screening was done per the Nate Ely method of using strips of 1/2" hardware cloth between the reflectors in front and fastening them with cable ties. I used about 150 ties, so the parabolic shape was kept well intact.

I also decided to put the tower up another ten feet to eighty feet. This extra ten feet makes a big difference as the antennas are now above all of the trees in town. Also purchased a Winegard PA-1375, their low noise VHF equivalent to the PA-4975, and am using my old CM 1110 under the dish. The combination of screening and extra height makes a very significant difference. The screening makes the front to back on the dish awesome, plus it does increase the gain somewhat. Needless to say, this new antenna system is a keeper. I never want to even think of TV antennas again!

Lots of E skip seen, but I didn't bother logging any unless it was unusual. The May 28/29 E skip was the most intense ever noted. There was E skip on channel 6 for twenty seven consecutive hours. E skip station total now at 230.

Congratulations to Roy Barstow on his terrific tropo catches while using only a modest system. 73.

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (KK6BO) PDT

Equipment:
1989 Zenith 27", Zenith VCR, Channel Master Quantum 1160A VHF/UHF antenna @ 50 ft, Alliance rotor.

Well, 1990 should go down as one of the worst years for sporadic E on the west coast. Conditions have really been lacking here for any good openings. July 1st was the best day I observed here and it really wasn't anything to write about. However, there was one bright spot and that was today, August 3rd, when CFQC on channel 3 was seen. This really caught me by surprise as the antenna was pointed EAST with what looked to be the old reliable KENW-3 and KACV-2. When the ID came up it was CFQC (new here) and the camera was in the car! I did finally manage a photo of the ID but nothing like what I saw when it first appeared....just goes to show you, ya never know!!

Al Tobia and myself went to Ashland, Oregon for a big DX'pedition. The only DX we snagged was KNOP-2 in Nebraska and we barely got it. DX conditions just weren't there for us. Oh well, we had fun anyway, next time I think we'll go in July. (Lenny Goldberg, call me at 408-264-5870 or drop a line).

I hope sporadic E was happening somewhere else in the country cause it wasn't happening here. Until next time, 73...

June 1990

5 Es 0820 *KMIDt 2 TX*
14 Es 1357 KKTO 2 NM 861
1358 KACV 2 TX 1125
CCI on channel 4
17 Es 1205 *XHQ t 3 SI*
1826 KMID 2 TX 1170
1828 KENW 3 NM 1060
1900 KSWK 3 KS 1120
1920 CCI on chs 2-6
18 Es 0751 CCI on channel 2
1832 CCI on chs 2, 3
23 Es 1948 CCI on chs 2-6
2000 KSWK 3 KS
30 Es 2130 KRTV 3 MT 890

July 1990

1 Es 2050 *KENWt 3 NM*
2057 unid ch 4 "MASH"
2149 KMID 2 TX 1170
4 Es 1230 *KOTAt 3 SD*
1259 KBME 3 ND 1256
6 Es 0828 KACV 2 TX 1125
0830 KENW 3 NM 1060
0842 *KVIOt 6 NM*
0858 KTWO 2 WY 905
0859 unid ch 6 CBS
6 Es 0930 KSWK 3 KS 1120
1111 KTVQ 2 MT 940
8 Es 1700 *KTVSt 3 CO*
1702 XEPM 2 CH 960
1729 unid ch3 Spanish
1731 unid ch6 Spanish
1740 unid ch 2 NBC
1802 unid channel 4
1826 KTVK 3 AZ 620
10 Es 0827 KOTA 3 SD 1082
0855 KTWO 2 WY 905
11 Es 1000 KXMA 2 ND 1169
1028 KOTA 3 SD 1082
1031 KDLO 3 SD 1367
1431 KTVS 3 CO 1039
1450 *KNOPt 2 NE*
1451 KLNE 3 NE 1225
1456 KBDS 6 KS 1182
1625 unid ch 2 PBS
1631 KTVS 3 CO 1039
12 Es 1414 unid channel 3
1419 KACV 2 TX 1125
1420 KENW 3 NM 1060
1426 *KAMRt 4 TX*
unid channel 2
13 Es 2003 CCI chs 2-4
15 Es 1131 unid channel 3
(ID'd w/NBC,CBS,
& LBS - KTVS?)
1900 KENW 3 NM 1060
1901 KACV 2 TX 1125
17 Es 1833 KTVQ 2 MT 940
1834 CCI chs 3, 4
19 Es 1059 KACV 2 TX 1125
1338 unid channel 3
1525 KMID 2 TX 1170
1633 *KENWt 3 NM*
2029 KACV 2 TX 1125
22 Es 1000 KACV 2 TX 1125
1001 KENW 3 NM 1060
26 Es 0929 KACV 2 TX 1125
0930 KFDX 3 TX 1331
1059 KENW 3 NM 1060

August 1990

2 Es 1935 unid ch2 Spanish
unid ch3 Spanish
3 Es 0900 CFQC1 3 SK 1190
0924 unid channel 3
0947 unid ch 3 PBS
1028 KTVS 3 CO 1039
unid ch 2 Canada

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744 CST

Equipment:
1980 model 9" J.C. Penney b&w with Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor.

June 1990

1	Es	1701	WJMN	3	MI	1310	11	Es	2059	CKND2	2	MB	1440	19	Es	1531	WRCB	3	TN	865
		1729	KGAN	2	IA	960	12	Es	0945	Cuba ?? ch 2						1534	WTWO	2	IN	925
		1858	KTCA	2	MN	1115	13	Es	1130	KWGN	2	CO	805			1859	KGAN	2	IA	960
2	Es	1759	WSJK	2	TN	1005			1201	KUTV	2	UT	1085			1903	WCIA	3	IL	930
		1859	WKRN	2	TN	815			1326	KTVQ	2	MT	1245	20	Es	1957	KEYT	3	CA	1300
		2059	KVBC	3	NV	1055			1559	KCBS	2	CA	1190	21	Es	1359	WPBT	2	FL	1145
			KNAZ	2	AZ	845			1712	WKRN	2	TN	815			1429	WEDU	3	FL	990
3	Es	0314	KTVI	2	MO	780			1803	YSR	2	ES				1528	WDIQ	2	AL	735
		2102	KOTA	3	SD	1040	14	Es	0859	KOTA	3	SD	1040			1549	WWAY	3	NC	1235
		2117	WDTN	2	OH	1075				KGAN	2	IA	960			1609	WBTV	3	NC	1085
4	Es	1033	KTVK	3	AZ	840			1435	WJBK	2	MI	1235	22	Es	1128	WJBK	2	MI	1235
		1059	KVBC	3	NV	1055			1529	KXMA	2	ND	1215			1257	WTWO	2	IN	925
			KNAZ	2	AZ	845			1532	WBBM	2	IL	1050			1300	WDTN	2	OH	1075
		1159	KUTV	2	UT	1085			1534	WWMT	3	MI	1160	23	tr	0039	KBMT	12	TX	280
		1214	KCBS	2	CA	1190			1547	WTWO	2	IN	925			0045	KFDM	6	TX	275
		1245	KWGN	2	CO	805			1558	WJMN	3	MI	1310			0247	KLFY	10	LA	370
		1258	KREG	3	CO	850			1600	WBAY	2	WI	1180			0439	KATC	3	LA	370
		1259	KTVQ	2	MT	1245	15	Es	1324	KCBS	2	CA	1190			0444	WAFB	9	LA	440
5	Es	1129	KIDK	3	ID	1240			1359	KNAZ	2	AZ	845	25	Es	1659	WCIA	3	IL	930
		1659	KBME	3	ND	1190			1459	KREG	3	CO	850			1829	WRTV	6	IN	1000
			KDKA	2	PA	1290			1530	KWGN	2	CO	805			1946	WITI	6	WI	1110
		1700	CKND2	2	MB	1440			1617	KTWO	2	IN	1015			2117	WAVE	3(IN)		950
	tr	2128	WVLA	33	LA	435			2100	WBAY	2	WI	1180			2128	WSJK	2	TN	1005
		2129	KADN	15	LA	380			2119	KDLO	3	SD	1070			2143	WCBD	2	SC	1135
		2139	KPLC	7	LA	335	16	Es	1059	KGFE	2	ND	1290	26	Es	1256	WDTN	2	OH	1075
6	tr	0350	KTRE	9	TX	260				KGAN	2	IA	960			2115	KDLO	3	SD	1070
		0403	WAFB	9	LA	440			1100	KDLO	3	SD	1070	28	tr	0337	KTRE	9	TX	260
		0409	KNOE	8	LA	425			1229	KUSD	2	SD	940		Es	1458	WBAY	2	WI	1180
		0414	KLFY	10	LA	370			2119	KDLH	3	MN	1245			1506	WKYC	3	OH	1250
		0417	WJTV	12	MS	515			2237	KTWO	2	WY	1015			1517	WAVE	3(IN)		950
		0420	KETG	9	AR	440	17	tr	0006	KLFY	10	LA	370			1528	KIMT	3	IA	1010
			KTAL	6(LA)		355			0416	KLTV	7	TX	290			1532	KGAN	2	IA	960
			WLBT	3	MS	520		Es	1210	KUTV	2	UT	1085			1541	KAAL	6	MN	1020
		0442	KTBS	3	LA	350			1857	KGFE	2	ND	1290			1558	WITI	6	WI	1110
	Es	0744	WKRN	2	TN	815			1859	KMTV	3	NE	830			2229	WSAZ	3	WV	1120
		0753	WSAZ	3	WV	1120			2114	KDLO	3	SD	1070	29	Es	2034	KQTV	2	MO	740
			WSAZ	3	WV	1120	18	Es	1059	KGAN	2	IA	960			2059	KUSD	2	SD	940
7	Es	0917	WCBD	2	SC	1135			1359	KXMA	2	ND	1215	30	Es	1822	WWMT	3	MI	1160
		0930	WDTN	2	OH	1075			1736	WFMY	2	NC	1170			1832	WCIA	3	IL	930
		0958	WESH	2	FL	1035			1758	WFMY	3	NC	1170			2100	WBTV	3	NC	1085
		0959	WSIL	3	IL	790	19	tr	0323	KLFY	10	LA	370			2115	WTWO	2	IN	925
8	Es	1024	XHBC	3	BN	1025		Es	0859	WFMY	2	NC	1170			2121	WDTN	2	OH	1075
		1057	WFMY	2	NC	1170			0958	WCBD	2	SC	1135			2157	KMTV	3	NE	830
9	Es	1158	WTWO	2	IN	925			1239	WSAV	3	GA	1035			2247	KXMA	2	ND	1215

E skip MUF reached 144 MHz on June 1st (Michigan, Wisconsin, and Illinois), June 3rd (W4, W8, W9, and Maryland) and June 28th (Illinois).

The dreaded K02MX LPTV raised its ugly form again on June 19th. I'm in the process of trying to determine the licensing requirements, etc. from the FCC Broadcast Bureau in DC with regard to programming, renewal of permit, etc. If that doesn't work, I may get with some of the members on the House Subcommittee on Telecommunications.

Almost three years of nothing but color bars with tone has been a complete travesty of the intent of the LPTV service. 73, Pat, WA5IYX

William Eckberg, 1032 Sterling Road, Dixon IL 61021 CDT

Equipment: See July 1990 Western TV-DX

June 1990

1	Es	0730	WPBT	2	FL	1229	1	Es	1300	KMID	2	TX	967	3	Es	2103	KATC	3	LA	809
			WEDU	3	FL	1031				KACV	2	TX	803			2130	KPRC	2	TX	893
		1300	KENW	3	NM	912			2100	WPTV	5	FL	1168			2200	KDTN	2	TX	719
									2357	KIII	3	TX	1072			2210	KMID	2	TX	967

William Eckberg (continued)

3 Es 2230 XEPM 2 CH 1162
5 tr 0355 KSAX 42 MN 404
Es 1823 KKTO 2 NM 972
9 tr 0550 WOIO 19 OH 401
0650 CBLN3 64 ON 368
0655 CBLN 40 ON 419
11 Es 2200 KKTO 2 NM 972
12 tr 0415 WLOS 13 NC 558
0420 WBIR 10 TN 489
0455 WKCH 43 TN 489
0515 WEMT 39 TN 518
0530 WSBN 47 VA 483
0533 WUNF 33 NC 558
0545 WMSY 52 VA 533
25 Es 2100 KNME 5 NM 1026
26 Es 1830 WPBT 2 FL 1229
27 Es 0515 WPBT 2 FL 1229
0730 KXAS 5 TX 757
KDTN 2 TX 719
0830 WLBT 3 MS 651
0900 WWL 4 LA 813
WBRZ 2 LA 784
0930 KBTX 3 TX 856
1200 WEDU 3 FL 1031
27 Es 1200 WTVY 4 AL 758
1300 WTVJ 4 FL 1229
28 Es 1430 KWGN 2 CO 811
1700 KACB 3 TX 933
1715 KENS 5 TX 992
1900 KENW 3 NM 912
2105 KNAZ 2 AZ 1258

July 1990

2 tr 0530 KTAJ 16 MO 311
2225 WKSO 29 KY 405
4 tr 0420 KSNF 16 MO 413
0455 CFPL 10 ON 419
7 Es 1130 KBTX 3 TX 856
KIII 3 TX 1072
1135 KGBT 4 TX 1183
1230 WPBT 2 FL 1229
WEDU 3 FL 1031
WTVJ 4 FL 1229
1330 KPRC 2 TX 893
1400 KRGV 5 TX 1189
1435 KMID 2 TX 967
1455 WBRZ 2 LA 784
1500 KJAC 4 TX 856
1635 KTWO 2 WY 849
8 Es 1545 WTVJ 4 FL 1229
8 Es 1548 WPTV 5 FL 1168
1553 WCIX 6 FL 1229
1555 WPBT 2 FL 1229
1600 WEDU 3 FL 1031
1615 XEPM 2 CH 1162
1700 WUFT 5 FL 923
9 tr 0530 KSAX 42 MN 404
12 Es 1100 WBRZ 2 LA 784
1635 KKTO 2 NM 972
KTWO 2 WY 849
13 Es 1300 KMID 2 TX 967
1400 KENW 3 NM 912
18 Es 1800 WPBT 2 FL 1229
WESH 2 FL 983
WEDU 3 FL 1031
19 Es 0415 CKCK 2 SK 918
1000 WPBT 2 FL 1229
1055 WTVJ 4 FL 1229
1110 WPTV 5 FL 1168
1130 KRGV 5 TX 1189
1158 WEAR 3 FL 792
1230 KRIS 6 TX 1072
1400 WDSU 6 LA 813
21 tr 0230 W24AI 24 IN 132
(Michigan City TBN)

Is WEMT a new call for WETO in Greeneville, Tennessee? (Yes. fm). Asheville 33 shows a slide before sign on with the letters NCPT, nothing else. It took a couple minutes to decide who I had - North Carolina Public Television.

Michael Parks, Route 1, Box 103, Amery WI 54001 CDT

Equipment:
Channel Master 1110 Quantum with Channel Master 0064C preamplifier and RG-11U at 28', Antennacraft P-7 with Winegard PA-4975 preamplifier and RG-11U at 33', Alliance HD-73 rotor, Winegard DA-8150 post-amplifier, Channel Master 7206 Hi "Q" trap, and Zenith Z1920W 19" color TV.

May 1990

27 Es 2228 *KPRCt 2 TX*
28 Es 0041 KBTX 3 TX 1047
(AN wx radar w/
NOAA NWS audio)
0042 WRBL 3 GA 989
0048 =WEAR 3(AL)1052
0102 =WLBT 3 MS 918
0105 =KRMA 6 CO 947
0106 =WDSU 6 LA 1076
0120 WWL 4 LA 1078
0200 KCEN 6 TX 1012
1345 KTVM 6 MT 972
1428 CHAT 6 AB 925
1446 CKRD 6 AB 1079
1522 CFQC1 3 SK 858
1545 unid ch 6 French
(Es gone by 1610)
29 tr 0104 *KGFEt 2 ND*
0107 K20AC 20 MN 151
(Wadena KSAX-42)
K63DX 63 MN 151
(Wadena KMSP- 9)
0109 K63DY 63 MN 110
(Little Falls KMSP- 9)
K69DA 69 MN 110
(Little Falls KSAX-42)
K32AE 32 MN 133
(Long Prairie KSAX-42)
29 tr 0110 K45AR 45 MN 144
(Eagle Bend C-Span)
0144 K28DF 28 MN 111
(Brainerd KMSP- 9)
0211 KFME 13 ND 260
0327 K26CL 26 MN 157
(Alexandria WGN- 9)
(Unscrambled)
K26AC 26 MN 191
(Bemidji KVRR-15)
(0 kHz - K26CL)
(See Note # 1)
Es 1359 KIDK 3 ID 1012
1459 KLEW 3(WA)1191
1600 CFRN 3 AB 1086
1838 WEAR 3(AL)1052
1843 WDSU 6 LA 1076
1858 WCTV 6(FL)1114
1903 WUFT 5 FL 1211
1930 *KIIIt 3 TX*
2000 WTVY 4(FL)1062
WWL 4 LA 1078
2058 KPRC 2 TX 1109
31 Es 1400 WRBL 3 GA 989

June 1990

1 Es 0104 WRBL 3 GA 989
0155 WSB 2 GA 908
1530 WLBT 3 MS 918
3 Es 1900 KATC 3 LA 1062
4 tr 2308 KDEB 27 MO 568
KSPR 33 MO 567
2309 KDNL 30 MO 482
2310 KHSL 46(MO) 493
5 tr 0110 KOLR 10 MO 567
(Under KTTC-10)
0258 KSHB 41 MO 453
13 tr 0326 K15CE 15 MN 144
(Redwood Flls KTMA-23)
(See Note # 2)
Plus chs 17, 60,
%62, 66, 68
0329 K30AC 30 MN 188
(Marshall KSTP- 5)
0349 K45AR 45 MN 144
0350 K28DF 28 MN 111
0424 KDSD 16 SD 262
0436 K21AK 21 MN 176
(Morris Starion)
0438 K57BL 57 MN 188
(Donnelly KTHI-11)
K61BJ 61 MN 188
(Donnelly KVRR-15)
(See Note # 3)
K59BT 59 MN 188
(Donnelly KMSP- 9)
K63BW 63 MN 188
(Donnelly KSAX-42)
14 Es 1402 WLBT 3 MS 918
1422 *KBTXt 3 TX*

Michael Parks (continued)

14 Es 1422 KFDX 3 TX 863
1500 KACB 3 TX 1049
16 Es 2146 KIDY 6 TX 1053
25 Es 2000 KBTX 3 TX 1047
2100 WLBT 3 MS 918
2130 KFDX 3 TX 863
26 Es 2205 WWAY 3 NC 1078
2231 WBTV 3 NC 906
27 Es 0116 WESH 2 FL 1286
WSB t 2 GA
28 Es 1823 KIII 3 TX 1261
1839 KRGV 5 TX 1365
(See Note # 4)
1900 *KCENt 6 TX*
1902 KIDY 6 TX 1053

July 1990

2 tr 2200 KDLO 3 SD 260
3 tr 0027 KESD 8 SD 253
0029 KMEG 14 IA 282
0035 Green Bays 2, 5, 11 over locals
0036 Chicago UHF's South Bend 16, 22, 46
0038 WJJA 49 WI 282
1358 WTJR 16 IL 378
7 Es 1757 KIDK 3 ID 1012
9 tr 0105 KOIA 15 IA 307
0109 @KJMH 26 IA 322
0232 @KQWC 6 IA 281
0235 WIFR 23 IL 265
10 tr 0125 K44AE 44 MN 135
(Willmar w/Misc- 2)
(See Note # 5)
10 tr 0311 W65BT 65 WI 271
(Milwaukee WCIU-26)
0315 W27AU 27 WI 133
(Wausau w/WISN-12)
(Normal WJFW-12)
0414 K27CW 27 MN 93
(Rochester KITN-29)
(See Note # 6)
0432 K26CL 26 MN 157
(Now scrambled)
0501 K15CE 15 MN 144
(See Note # 2)
0513 K65BY 65 IA 214
(Waterloo TBN)
11 Es 1553 KATC 3 LA 1062
12 Es 1500 KMID 2 TX 1065
(As per their CP offset now -)
1515 KIDK 3 ID 1012
16 tr 0012 K65BY 65 IA 214
0044 K42AV 42 MN 145
(St. James KTMA-23)
K50AB 50 MN 145
(St. James KITN-29)
(See Note # 7)
Es 0116 KVBC 3 NV 1350
17 tr 2340 K30AC 30 MN 188
2343 KDSD 16 SD 262
18 tr 0004 @KTTW 17 SD 258
(See Note # 8)
0007 KESD 8 SD 253
0010 K20AD 20 MN 209
(Worthington KSTP- 5)
20 tr 0012 *K58ASt 58 MN*
(Too much K58BS)
K60AO 60 MN 144
(Redwood Flls KSTP- 5)
20 tr 0012 K62AA 62 MN 144
(Redwood Flls WCCO- 4)
K66BB 66 MN 144
(Redwood Flls KMSP- 9)
K68BJ 68 MN 144
(Redwood Flls KARE-11)
0015 *K39CHt 39 MN*
(Too much W39AF)
0032 K15CE 15 MN 144
(See Note # 2)
K17BV 17 MN 144
(Redwood Flls KITN-29)

August 1990

2 Es 1956 *KIIIt 3 TX*
KPRCt 2 TX
2100 KRIS 6 TX 1256
WDSU 6 LA 1076
2158 KMID 2 TX 1065
2230 KPRC 2 TX 1109
3 tr 2340 K16BQ 16 MN 111
(Brainerd KSAX-42)
K54AT 54 MN 127
(Brainerd KVRR-15)
2341 K28DF 28 MN 111
2344 K45AR 45 MN 144
2345 K63DY 63 MN 110
K69DA 69 MN 110
2346 K20AC 20 MN 151
K63DX 63 MN 151
2348 K32AE 32 MN 133
2349 K66BI 66 MN 109
(Aitkin WDIO-10)
4 tr 0029 K17BV 17 MN 144
K15CE 15 MN 144
(See Note # 2)

Note # 1 - This station and associated station K18AI, Grand Rapids, both run black screens all night while primary KVRR-15 is off. Don't know what purpose this serves other than to waste electricity. I believe they used to shut down so this must be a fairly new policy.

Note # 2 - I'm not sure what the deal is with this translator. All four times I saw it, it appeared to be rebroadcasting both its primary KTMA-23 and KSTP-5 simultaneously. It's possible there's a new KSTP translator somewhere but several reason lead me to believe otherwise: it always show up when Redwood Falls does and is in the exact same direction, the KTMA and KSTP signals are of equal strength and that ratio remains constant during the simultaneous fade in/fade outs and the 20 kHz beat present on channel 15 is what would be expected to occur were KTMA (+ offset) and KSTP (- offset) to be converted to the same channel. I thought it might be some kind of image or mixing problem in my equipment, but disconnecting the VHF downlead had no effect. Tuning the UHF trap through the band also produced the same result.

Note # 3 - Yet another example of translators not shutting down after the loss of their input signal. Both K57BL and K61BJ were on all night transmitting a screen full of rapidly fluctuating white sparkles, aka snow. I guess this must be so insomniacs will have something to count besides imaginary sheep.

Note # 4 - A new E skip distance record - and on channel 5 at that! I never have understood why KSTP-5 is so impossible to null out compared to KTCA-2 and WCCO-4. There are a couple of directions in which KSTP's audio is sufficiently low to allow fairly strong skip to override it, but the video is a near impossibility. After six years I've managed to get a grand total of one channel 5 DX photo

Note # 5 - With primary KTCA-2 off, K44AE was doing a terrific job at DX'ing WBAY-2 and KGAN-2. It was picking them both up with very little snow. I'm closer to both stations, yet could get neither. Apparently K44AE's greater receiving height was what did the trick. It was frustrating to

Michael Parks (continued)

think of the great DX that was probably flying overhead just out of my antennas' reach.

Note # 6 - Good luck to DX'ers on this one. I find it hard to believe this station has anywhere near the listed 3.29 kW. It was just barely strong enought to discern KITN-29's programming while Rochester's K60DS at 4.5 kW was putting it to shame with a near snow free signal. Even Winona's K38CL at 0.87 kW was vastly superior, falling just a bit short of K60DS.

Note # 7 - Note the new primaries. For no apparent reason, these two translators have swapped primaries.

Note # 8 - At long last! Barely managed to snap a picture during the minute they remained on after KTCI-17 sign-off. They went off just a few seconds after the shutter clicked. A couple times before I've seen color bars buried in the snow in the direction of Sioux Falls, but never strong enough to even tell if they were ID'ed.

I had an opportunity to compare a Zenith Z1310 to my Z1920 and after comparing the two, I found the Z1920 to be the better of the two. The only places the 1310 showed an advantage over the 1920 was an extra decibel or two of sensitivity above channel 50 and a slight improvement in lower adjacent channel rejection below channel 20. The biggest disappointment was the 1310's poor selectivity on the VHF band. KMSP-9 produced an image on channel 8 that I found impossible to eliminate whereas the 1920 showed hardly a trace; likewise with WCCO-4 on channel 3. Twisting the 1310's tuning knob from one end of the UHF band to the other was also a pain. I much prefer the 1920's random access tuning. Zenith has evidently taken some shortcuts in producing the Z1310 compared to the Z1920.

K58BS, Minneapolis, began using their new facilities (8.5 kW from the IDS Center) on July 2nd, but went back to the old one six days later when the new transmitter caused transmission problems. As of July 19th, they were back on the new transmitter and they are now quite a pest whereas before I could manage to ignore their presence most of the time. Just as pesty W62BD, Minneapolis, has been off the air since approximately June 1st. Presumably K07UI went with them, but unfortunately I expect them to be back. Their planned program supplier, ValueVision International, has taken longer to set up shop than expected but has recently begun buying and lining up other low power stations to carry their sales pitches.

It's been so long since I last saw W16AC, Land O'Lakes, Wisconsin, that I've come to believe they've gone dark. I knew they wouldn't sell many Starion subscriptions with their cheap scrambling system which made it all too easy to watch for free. It didn't touch the audio or sync signals; just inverted the picture. I never did have any luck receiving KTTC-10's La Crosse translator and now it's too late as W83AH has gone dark. KTTC is now seen there on W67CH. The latest word on KXLI-41/KXLT-47 is that they have been sold to KX Acquisition Limited Partnership in New York City pending FCC approval. No indication of what the new owners intend to do with the stations.

That's all for now... Nanajusan (73), Mike

(Mike, I would keep an eye on K30AC when you are noting the interference problem with K15CE. I note that K30AC is on the same antenna heading as K15CE, has considerably more power and is not that much more distant. The picture image for channel 30 falls on channel 15. K30AC carries KSTP and just might be the cause of what you are experiencing. However, you should not be hearing KSTP audio. fm)

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103 * CDT

July 1990

12 Es 1558 KENW 3 NM 985
(MUF 95.3@1619)
13 Es 2126 KBTX 3 TX 1130
2130 KPRC 2 TX 1195
(MUF 89.5@2239)
14 Es 1931 KREM 2 WA 960
2000 KING 5 WA 1195
(MUF 99.3 @ 2003- WA)
(MUF 89.5 @ 2104- WA)
15 Es 1257 unid ch 2 ABC
(Away 1500-0130)
16 Es 0156 =KCCZ 4 UT 1050
(MUF 90.5 @ 0204- NV)
22 Es 2142 unid ch 2 Mexico
(MUF 93.1 @ 2159- TX)
23 tr 0852 K28DF 28 MN 130
(Brainerd KMSP- 9)

Now for some rabbit ear DX from Minnetonka, Minnesota:

July 1990

20 tr 0729 KTIN 21 IA 155
0759 KSMQ 15 MN 90
0829 KSAX 42 MN 100
0859 WHWC 28 WI 75
24 tr 0659 W39AF 39 WI 80
(Grantsburg WHWC-28)

August 1990

3 tr 2058 KCCO 7 MN 100
7 tr 0658 WXOW 19(MN) 125
0809 WEAU 13 WI 120
8 tr 0717 KEYC 12 MN 85
0758 WLAX 25(MN) 125
10 tr 0657 WQOW 18 WI 85
10 tr 0758 WHLA 31(MN) 125
0824 WKBT 8 WI 115
0859 KTTC 10 MN 105
1029 KIMT 3 IA 110

Sharp 19" w/ bowtie & dipole

PHOTO NEWS

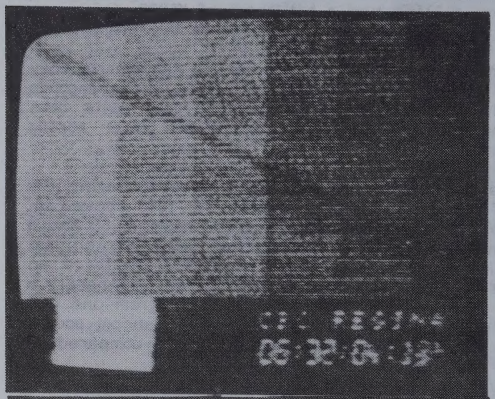
SEPTEMBER 1990

Mailing Address:
PHOTO-NEWS
12284 Nice Rd - Akron NY 14001-9529

Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

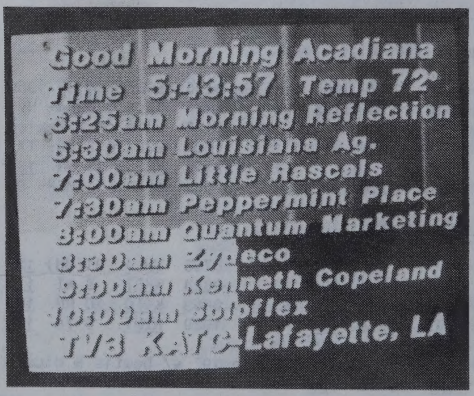
EDITED BY
David J. Nieman

Jeff Kadet - Macomb, Illinois starts this month column with north & south of the US border skip reception seen this spring. Equipment see August 1990 VHF-UHF DIGEST page 54.



CBKFT2-3
Prince Albert, Saskatchewan
1133 mile E-skip
seen May 28, 1990
at 0732 CDTime

XHBQ-3
Zacatecas, Zacatecas
1370 mile E-skip
seen May 28, 1990
at 1723 CDTime



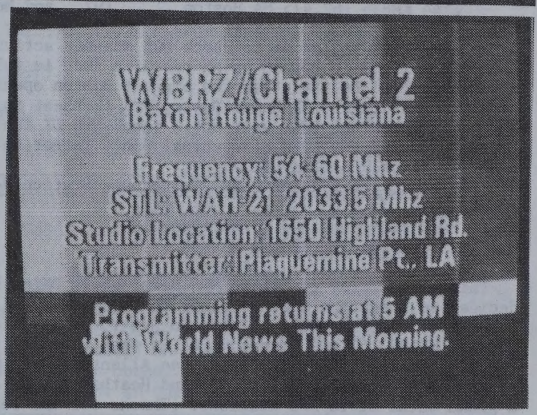
Next is Mike Hollis - Masy Esther, Florida with more Gulf of Mexico trops.

KATC-3
Lafayette, Louisiana
330 mile tropo
seen April 29, 1990
at 0545 CDSTime

PHOTO NEWS

Mike Hollis DX fotos continue....

WMFE-24
Orlando, Florida
350 mile tropo
seen April 29, 1990
at 0642 CDSTime



WBRZ-2
Baton Rouge Louisiana
270 mile tropo
seen April 30, 1990
at 0407 CDSTime

Our last reporter is; Ed Frye - Santa Clarita, California. Equip. Winegard CS-4052 ant.; CM 9510 rotor; CM 7477A MATV preamp; CM 7203 sub-band & 7205 mid-band traps; CM 7270 step attenuator; CM 7035 distribution amp. CM 9549 RG6 coax.

KACB-3
(sat. KRBC-9)
San Angelo
Texas
1090 mile
E-skip
seen May
28, 1990

Thanx to Jeff, Mike & Ed for sending their DX fotos.

DAVE

NWS NEWS

IN THIS ISSUE:
-2 NJ DX'ers hear some good NWS trops
-DX is plentiful at Ocean City
-Weatheradio Canada plans some major expansions in Ontario
-July 4th brings US NWS across the border to Ontario
-Bandscan from the WTFDA Convention
...plus much more!!!

Matt Sittel
PO Box 21421
501C South Hall,NCSU
Raleigh,NC 27607
(919)737-???? not sure.
Deadline:10/01/90 for 11/90 column

SEPTEMBER 1990

First, note my new address. I moved August 18th, and while it looks like my old address, it isn't. And, it is possible that by the next column I may have another new address. Stay tuned! We've got a lot to report this time, as apparently lots of NWS DX has been heard by you! On to the reports...

Bill Nienajadly, 98 Highland Avenue, Clifton,NJ 07011
Equipment: PRO-57 scanner w/built-in whip antenna

JUNE 1990

17 tr	2235	WXM80 162.475 NY Riverhead	90	(Bill, I'm confused by your logging of Hart-
	2240	162.400 CT Hartford	97	ford. My listings show Hartford on 162.475
	2244	KHB35 162.475 MA Boston	192	and Meriden on 162.400.-mcs)

Bob Smolarek called me to check out scanner activity on NWS. In progress was a super Boston opening with Boston on FM reaching 70dB in full quieting! The past week we had full strength tropo! But this was the biggest Boston opening yet! Also heard hams on 144MHz,NJ hams were talking to NH hams! Boston NWS farthest to date. I will DX NWS with the next Norfolk,VA opening! (Why wait until then? NWS DX isn't just for super openings, it's there to DX for any kind of opening! Don't forget to check it, as you never know what you might get!-mcs) GooDXing,Bill

Bob Smolarek, 156 Oldwick Road, Whitehouse Station,NJ 08889 ---NEW REPORTER!---
JUNE 1990

17 tr	2200	WXJ42 162.400 CT Meriden
	2300	KHB35 162.475 MA Boston

This is my first report to NWS News. While DXing FM and UHF TV the night of the 17th, I decided to check the weather band. To my amazement I had Boston over pest Riverhead,NY. My strongest local is KWO35 162.550 in New York City, followed by a weaker KIH28 on 162.475 in Philly, WXL82 162.400 Allentown,PA is weak. Normsal trop stations are KHB38 162.400 (Atlantic City,NJ-mcs) often stronger than Allentown, and WXM80 162.475 in Riverhead. My two great catches are Boston 162.475 and Heathsville,VA on 162.400.(WXM57-mcs). I have received a grand total of 10 NWS stations. (Thanks for the report,Bob!-mcs)

Greg Coniglio, 5100 Glenwood Drive, Williamsville, NY 14221 ---VACATION DX REPORT---
DXing from Ocean City,MD
Equipment: Realistic weatheradio

162.400: KHB38 NJ Atlantic City
KEC84 NC New Bern
(wx for SE NC list. area)
WXM57 VA Heathsville
(Norfolk's pgmg. but slow by about 30 sec.)
KEC83 MD Baltimore
162.475 KEC92 MD Salisbury

162.475: WXM80 NY Riverhead
KIG77 NC Cape Hatteras
WXL59t NC Rocky Mount
(many Raleigh ments. and a "Travelers' Forecast")
162.550: WXJ94 DE Lewes
KHB37 VA Norfolk

(Greg,you probably had WXL59 Rocky Mount,NC. But Fayetteville,NC is also programmed from Raleigh and would also have the same things you noted. There are a couple of ways to distinguish between the two,though. WXL50 Fayetteville has the forecast for"the Sandhills", while WXL59 Rocky Mount,NC runs the forecast for"the Northern and Central Coastal Plain". Climate summaries are different for the two as well. I'm not sure, but Rocky Mount may always have that low-power "beep" on their programming. Hope this can help you to ID which one you had! Nromally Fayetteville gets out much better than Rocky Mount, and since you did log New Bern there's a chance they may have snuck in there.-mcs)

I probably could have gotten Philly on 162.475 if I tried harder, but whenever anything overrode Atlantic City, it was Riverhead. For the NC loggings I went to the south side of the hotel and up to the top floor (5th). Up there many nights the Norfolk was completely over Lewes, and the 162.4 was local (new Bern-mcs). I also had WTAT-24 that night on TV and FM I had New England but unfortunately could not pull out any through the NWS mess.

On the way home I noted a translator of Williamsport NWS on 162.55. It seems to come from the Sayre,PA area. There is another xltr on 162.475 with Williamsport. Not sure where it is, but suspect somewhere around Mansfield. 73 Greg.
(Check Bill Hepburn's report;he logged one of those 2 from PA you heard!-mcs)

William R. Hepburn, 1211-1547 Mississauga Vly, Mississauga,ON L5A 3X8 Canada

Weatheradio Canada-Ontario Bandplan
Repeaters listed after primary stations.
Location Freq. (Year *-currently on the air)

Kenora 162.400 (1991)--Fort Frances 162.550? (1991) (conflicts w/Int'l Falls,MN's freq.)
Thunder Bay 162.475 (*)--Atikokan 162.400 (1992), Red Rock 162.550 (1991)
Beardmore area 162.400 (1991)
Terrace Bay 162.475 (1992)--Tip Top Mtn. 162.400 (1992)
Sault Ste.Marie 162.400 (*)--Wawa 162.475 (1992)
Chapleau 162.550 (1993)
Little Current 162.475 (*)
Timmins 162.400 (1993)--Kapuskasing 162.475 (1993),Kirkland Lake 162.475 (1993)
Sudbury 162.550 (1991)--North Bay 162.400 (1991)
Windsor 162.475 (*)
Sarnia 162.400 (*)
Goderich 162.475 (*)--Wiarton 162.550 (1992)
London 162.475 (1992)
Mount Forest 162.550 (1993)--Collingwood 162.400 (*) (currently repeats Toronto)
St.Catharines 162.475? (1992)
Toronto 162.475 (*)
Peterborough 162.550 (1991)--Bancroft 162.550 (1993),Muskoka Dist. 162.475 (1993),Ramsey
Kingston 162.475 (*) 162.400 (1993)
Ottawa 162.400 (*)--Pembroke 162.475 (1991)

DX: Equipment: Realistic PRO-2004 Scanner,12th floor balcony/indoor discone/vert.dipoles

JUNE 1990 (EDT)
26 tr 0555 KUCA 118.700 NY Utica 215
(Oneida Co. Airport info)
(new VHF-AIR distance record)

JULY 1990
04 tr 0219 WXM70 162.500 WV Spencer 345
(Charleston NWS studio)
(new WXR distance record)
0227 WXM95 162.550 PA Troy 195
(// WXL-55 162.400 Williamsport)

JULY 1990
04 tr 0249 WXM72 162.425 WV Hinton 410
(//WXM-71 162.550 Beckley)
(WXR record broken again!)
0304 WXM73 162.400 WV Romney 275
0421 WXL39 162.400 PA Allentown 290

Comments: New distance records for both weatheradio and for VHF Aero band were made! On the 4th of July, Erie and Rochester NWS on 162.400 were nowhere to be found. Williamsport was in. Next thing you know there was Spencer,WV on 162.500. This shows that DX is possible even if your semi-locals are weaker than normal. Inversions and ducts can form at any level-the higher the level the further the DX. In this case a warm front was approaching (it hit 35C/95F on the 4th).

Re your (the ed's) comments regarding taxi xmsns here in Toronto on the NWS band. You're absolutely correct. Apparently in Canada allocations are done on a province by province basis. This can cause quite a mess. For example, in Windsor, the govt. had to pay to modify a company's entire fleet of radios on 162.48 so that 162.475 could be used for weather! Each station built is looked into on an individual basis. Weatheradio is relatively new here and I would assume that eventually the 162 MHz would be handed over to the federal govt. on a national basis. Other stations throughout Southern Ontario currently using weather freq's:
162.420 Trans Canada Pipeline network 162.525 Union Gas network 73s til next time,
162.510 common taxi channel 162.540 Bell Canada Repair Network Bill

Matt Sittel,NWS News Editor

JUNE 1990 Kingsport,TN DX
05 tr 2101 WXM72 162.425 WV Hinton 125
2101 WXM70 162.500 WV Spencer 177
17 tr 0839 WXM72 162.425 WV Hinton 125
20 tr 0620 WXM72 162.425 WV Hinton 125

JULY 1990
04 tr 0558 WXM72 162.425 WV Hinton 125
0705 WXM74 162.450 WV Sutton 186
2150 WXM72 162.425 WV Hinton 125
WXM72 has been heard more often than usual.

Bandscan from Bluefield,WV 08/02/90
162.400 WXL60 VA Roanoke 69
162.425 WXM72 WV Hinton 33
162.475 WXM75 WV Gilbert (ex-162.525;NEW!) 45
162.550 WXM71 WV Beckley 36

Bandscan from New Market,VA 08/06/90
162.400 WXM73 WV Romney 51
162.475 WXM42 MD Hagerstown 91
162.550 WXL92t VA Lynchburg

Bandscan from WTFDA Convention, Olde Towne Inn,Manassas,VA 08/02-06/90
162.400 KEC83 MD Baltimore 60
162.475 WXM42 MD Hagerstown 64
162.550 KHB36 DC Washington 7
All 3 stations were always there,but the signal strength varied with DX conditions. Thanks to Mike and Shirley Wimer for all their hard work in putting together a great convention and it was great seeing everyone attending!

NWS STATISTICS	st sity	total	.400	.475	.550	.425	.450	.500	.525	st. for.	Es	yb as of
MATT SITTEL	NC RALEIGH	17	8	5	3	0	0	0	1	5	0	0 88 05/90
MATT SITTEL	TN KINGSPORT	10	1	5	1	1	1	1	0	6	0	1 80 08/90

Send your NWS Statistics in today!! See you next time for more NWS News!!!.....73s,Matt

:SOUTHERN·FM DX:

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

SEPTEMBER 1990 NEW DEADLINE: the 14th

SOUTHERN FM DX IS FOR REPORTERS FROM: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV.

TROPS DOWN WHILE ES CONTINUES DURING JULY

Doug Allen W2CRS, P. O. Box 5646, Woodland Park, CO 80866

Equipt: Kenwood KR-S010 receiver with modified IF, crossed yagis at 20'. All DX from Divide, 3 miles west of home QTH. All local time.

6/27 Es

0900 WLAP 94.5 KY Lexington, "Power 94.5"
0943 KRJY 96.3 MO St. Louis, ads,promo
0947 WLBH 96.9 IL Matoon, ID,"stereo 97"
0949 WENS 97.1 IN Shelbyville,"Lite Rock97" ads
0952 WOXY 97.7 OH Oxford, wx
0953 ? 97.7 o/u WOXY "the country giant"
0958 WLVQ 96.3 OH Columbus
0959 WQLK 96.1 IN Richmond,"k96 FM" ads
1000 WLQI 97.7 IN Rensselaer, ID
1000 WHMS 97.5 IL Champaign, ID
1002 WPKO 98.3 OH Bellefontaine, ID
1003 WCJCt 99.3 IN Van Buren, "in Jonesboro we're k99.3"
1005 WAJK 99.3 IL La Salle, ID
1008 WBNO 100.9 OH Bryan, local nx, wx
1012 WTTF 103.7 OH Tiffin, ad
1018 WELL 104.9 MI Marshall, ID
1020 WIQB 102.9 MI Ann Arbor, ads
1022 WXLC 102.3 IL Waukegan, ads
1024 WCUZ 101.3 MI Grand Rapids, "CUZ
1044 WILV 94.9 WI Baraboo, ads
1059 CBON18t 88.1 ON Sault Ste. Marie, FF
1100 WGNV 88.5 WI Milladore, "Wisconsin's Good News Voice"

7/4 Es

1108 WGFA 94.1 IL Watseka, ID

7/6 Es

0943 KFAC 92.3 CA Los Angeles,ID
0947 KODJ 93.1 CA Los Angeles, wx, traffic
0952 KEWB 94.3 CA Anderson, "B94"
0952 kMGX 94.3 CA ID, mixing with above, ?
1000 KLON 88.1 CA Long Beach, ID
1005 KFYE 93.7 CA Fresno, "Y94"

7/7 Es

1311 KNAN 106.1 LA Monroe "Magic 106"
1313 KIJO 104.1 LA Monroe, ads
1819 kZMZ 96.9 LA Alexandria, "Power 96.9"
1320 WEZB 97.1 LA New Orleans, "B97 FM"
1326 WBVR 101.1 KY Russelville, K "the beaver"
1335 WAMZ 97.5 KY Louisville
1337 WRBTt 94.9 IN ? new station??
1338 WLAP 94.5 KY Lexington, ads "Power 94.5"
1342 WRAY 98.1 IN Princeton, ID
1350 WIL-FM92.3 MO St. Louis, ID
1400 WLHN 97.9 IN Anderson, ID
1402 WBYZ 94.5 GA Baxley, ID, "Z94"
1405 WBZM 94.3 IL Chillicothe, ID
1449 WPCH 94.9 GA Atlanta, ID

7/11 Es

1220 ? 93.7 TN? "all oldies B93.7"
1230 WKLR? 94.5 TN? "KLR Clear 94"
1248 WDEF 92.3 TN Chattanooga, ID
1249 WYNO 92.3 TN Milan,ads
1300 WMBW 88.9 TN Chattanooga, wx

7/12 Es

1520 KWGC 94.5 MO Poplar Bluff, ads
1522 WWMS 97.5 MS Oxford, "Miss 98"
1525 WSM 95.5 TN "Nashville 95 FM"
1530 KCTT 97.7 AR Yellville, ID

The lightening strike probably totaled my Denon tuner on July 6. My only DXing until recently has been at my store in Divide. Around July 10 I bought a TX-9800 at a Colorado Springs pawn shop for $100. I replaced 4 of the ceramic filters with 150 kHz filters but found the sensitibity to be dismal. August 6, I re-replaced two of the 150 kHz filters with the original ones. The tuner is working very well now. I think the problem was probably a solder bridge rather than a defective ceramic filter. (I think so , too.) Anyway, I'm back to tropo DXing from the home QTH again. In the meantime, I was given a Heathkit AR-1650, which lost its amplifier section. It appears to be a pretty good tuner unmodified. If anyone has used the AR-1650, I'd appreciate your comments. It has wide/narrow IF selection, but the ceramic filters used in the narrow mode are unlike the filters used in most tuners. Does anyone know if there is a better replacement for the original filters?

Other than the Es in late May-early June, the season was disappointing, much worse than last year. My FM station goal for the year was 700, but I'm only at 630 with the Es season virtually over. Hope others had better luck.

Thanks to Matt Sittel & Greg C. for help with some PA & NC unIDs and to Todd Brandenburg (send your reports in to Danny, Todd)for the help with my 106.1 unID which is new station, KMA-FM, in Shenandoah, IA. 73.

Fred Laun, K3ZO, 5801 Huntland Road, Temple Hills, MD 20748

Equipt.: Denon TU-800 tuner, Winegard Antenna @35'

7/19

0830 WRCH 100.5 CT New Britain
0835 WJB 99.5 DE Wilmington (Overriding local WGAY)

7/19

0840 WQQQ 96.7 CT Stamford "The All-NewQ 96.7 FM" - note call letter change.
0844 WFME 94.7 NJ Newark (Overriding local WLTT)

Chris Johnson, 6235 Rosewind Cv., Memphis, TN 38141

Equipt/: GE Superadio II, whip antenna. Times are Eastern(Should I be reporting in my own zone--central?) (Why report in Eastern? DB)

6/28 Es
1802 KMGN 93.9 AZ Flagstaff, "Northern Arizona's KMGN"
1803 KILO 93.9 CO Colorado Springs, IDs, wx hard rock
1842 KSPZ 92.9 CO Colorado Springs,ad, IDs
1920 KTCL 93.3 CO Ft. Collins,ads
2009 KRAI 93.7 CO Craig, uc mx, CART ID

6/29 tr
1910 WKYQ 93.3 KY Paducah, ID, ads

6/30 tr
0155 KISR 93.7 AR Ft. Smith, "Kisser 93.7"
0156 WXOQ 105.5 TN Selmer, "105.5...XOQ"

7/1 tr
0146 WRMX 96.3 TN Murfreesboro, "Mix 96"

I wish I'd have gotten home from work(or been off)sooner on 6/28! This stuff just whet my appetite! "Ive got a Radio Shack 6-element waiting to be attached to my Kenwood KR-80 but have not been brave enough to bear that hot roof yet! I've been reading quite a bit in the VUD about filter mods for selectivity. Can anything be done for sensitivity? 73's

William P. Townshend, 4500 Connecticut Ave, NW, #901, Washington, DC 20008

Equipt.: Portavision-40 receiver

7/18 tr
0809 WMMR 93.3 PA Philadelphia, r

7/19 tr
0835 WKSZ 100.3 PA Media, Kiss-100

7/19 tr
0845 WYSP 94.1 PA Philadelphia
0908 WKXW 101.5 NJ Trenton

Gus Mancuso 5615 Inwood St., Hyattsville, MD 20785

Equipt.: Pioneer SX-40 except Radio Shack DX-440 from Gaithersburg (ph. 301/773-3072)

7/4 tr
0630 92.1 WXZY VA Ruckersville, another unusual "overland" opening, (see earlier report)this time west. Noticed on 103.1 WCUL 65 miles west overriding WBEY 35 miles east(15 of which are over water).
0714 105.3 WDAS PA Phila.

7/10 tr
2315 90.3 WDIH MD Salisbury, noticed lots of adj. ch. int. on car radio coming home from work, so I knew enhancement was up all Philly's and Del. strong.

7/22 tr (From Gaithersburg(see 9/89 VUD)
2123 100.7 WQPO VA Garrisonburg, tough null on semi-lcl WGRX
2129 100.5 WOMP OH Bellaire, better humidity than trip here last mo., but enhancement no better.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equipt.: McIntosh MR-78, Probe 9(Onkyo T-9090 on 7/18 & 7/19)

1936 WBNS 97.1 OH Columbus, ID

7/3 tr
1936 WBNS 97.1 OH Columbus, ID

7/6 Es
0907 Monterrey strong, MUF 104.5
0930 XHRYSt90.1 TA Reynosa
0936 XHAAA 93.1 TA Reynosa Estereo Requerdo
0942 KBNL 89.9 TX Laredo, SS
0954 unID 99.5 "Estereo T'empo, SS
1004 KKED 90.3 TX Corpus Christi, "90-FM"
1009 KMFM 104.9 TX Premont, SS, $, ID
1020 XHMN 107.7 NL Monterrey, r, lcl ads
1021 KFLZ 107.1 TX Bishop, SS, ID, mono
1024 KBIC 102.3 TX Alice, k,ID
1033 KOPY 92.1 TX Alice, k,ID
1039 KYTX 97.9 TX Beeville, $, r, ID
1040 KEPG 100.9 TX Victoria, $, ID
1045 XHMG 102.9 NL Monterrey, "Romantica Mg"
1057 XHNK 99.3 TA Nuevo Laredo, "$ Ridmo"
1101 XHSAB 89.5 NL Sabinas Hidalgo, ID, "R. Napolion"
1136 XHJK 98.9 NL Monterrey, "Energy 99"
1257 KCRB 88.5 MN Bemidji, "MN Pub. Radio"
1300 WHSA 89.9 WI Brule, ID

7/7 Es
1002 XHAAA 93.1 TA Reynosa
1018 KYTX? 92.1 TX Devine,"Big Tex Radio"
1020 KOYE 94.9 TX Laredo, ads
1023 XET 94.1 NL Monterrey, "Super E'ta"
1043 KDLK 94.3 TX Del Rio, ads
1145 KNFM 92.3 TX Midland, ads
1205 XHH 100.7 CH Ciudad Juarez,"Mariachi $"

7/7 Es
1214 KBUY 93.5 NM Ruidoso, "K-by"
1215 KSEL 95.3 NM Portales, ads

7/8 Es
1345 unID 90.3 ment. "Mars Hill, g
1346 WKSTt 92.1 ON Timmins, ads
1528 WBEE 92.5 NY Rochester, k, ID
1536 WLMI 103.9 PA Kane, ID
1544 CHEZ 106.1 ON Ottawa, "Shay 106"
1546 WPIG 95.7 NY Olean, "The Pig 95.7"
1552 WCIB 101.9 MA Falmouth, ID, Lite 102
1554 WFXR 93.5 MA Harwich Port, "Fox Radio"
1555 WBLQ 99.3 RI Block Island, r, ID
1557 WHFM 95.3 NY Southampton, "95-3 HFM"
1559 WJFD 97.3 MA New Bedford, SS-EE, ID
1600 WLNG 92.1 NY Sag Harbor, ID
1610 WHJY 94.1 RI Providence, "94-HJY"
2030 WRJO 94.3 WI Eagle River, ads
2034 CBLJt 88.3 ON Wawa
2035 CBQYt 98.9 ON Nipigon
2040 CFNO 93.1 ON Marathon, r, ID
2100 CBLJ 89.1 ON Geraldton, "CBC Radio"
2123 KMGM 92.5 MT Miles City, ID
2133 WJPD 92.3 MI Ishpeming, ads
2143 CJSD 94.3 ON Thunder Bay, "94-FM"

7/11 Es
1348 KWBI 91.1 CO Morrison
1631 KPSD 97.1 SD Faith
1638 KRCS 93.1 SD Sturgis, ads
1641 KSDZ 95.5 NE Gordon
1705 KLXS? 95.3 SD Pierre?, "Classic 95"
1727 KVSR 97.9 SD Rapid City, lcl. ad, g
1732 KMGM 92.5 MT Miles City, "KM-92" CONT...

7/11 Es
2036 KQDY 94.5 ND Bismarck, "KQ-95"
2040 KZPR 105.3 ND Minot, "Magic 105"
2045 KCND 90.5 ND Bismarck
2047 KQAA 94.9 SD Aberdeen, ID
2109 kYYZ 96.1 ND Williston, "Laser 96"
2110 KGCH 93.1 MT Sidney
2159 KZNA 90.5 KS Hill City, ID
2206 KYGO 98.5 CO Denver, k, ID
7/13 Es(brief)
2147 KUNM 89.9 NM Albuquerque
7/18 Es
1930 KDCR 88.5 IA Sioux Center, area wx
1932 CITI 92.1 MB Winnipeg, "92-CITY-FM"
1936 KQRS 92.5 MN Golden Valley, "KW-92"
1940 unID 97.5 "Star Station 97 1/2", r
1941 KLXK 93.7 MN Minneapolis, r, ID
1945 WYRQ 92.1 MN Little Falls,ID
7/19 Es
1047 KZOR 94.1 NM Hobbs, r, ID
1051 KTZA 92.9 NM Artezia, r, ID
1052 KPER 95.7 NM Hobbs, ads
7/19 Es
1053 KTXT 88.1 TX Lubbock, r, ID
1100 KQLI 94.3 Ok Lawton, ID
1109 KQIZ 93.1 TX Amarillo, ads
1201 KBCO 97.3 CO Boulder, ID
1203 KBPI 105.9 CO Denver
1203 KELN 97.1 NE North Platte, o, ID
1207 KATZ 99.5 KS Hays, ads, ID
1211 kSID 98.7 NE Sidney
1211 KKAZ 100.7 WY Cheyenne, "Z-100"
1212 KDHT 92.5 CO Greeley, ID
1237 KATR 98.3 CO Wray, city ID
1242 kMOR 92.9 NE Scottsbluff, ID
1244 kNEB 94.1 NE Scottsbluff, ID
1249 kKMK 9319 SD Rapid City, ID
1250 kRCS 93.1 SD Sturgis, k, ID
1252 KKJQ 97.3 KS Garden City (f/out 1254
1358 KELO 92.5 SD Sioux Falls, ad
1359 KSDN 94.1 SD Aberdeen, ID
1401 WTBX 93.9 MN Hibbing, r, ID
1431 KDCR 88.5 IA Sioux Falls, nx
1733 KRWG 90.7 NM Las Cruces
1738 KAMZ 93.1 TX El Paso, ads

Just as the Es was getting started on 7/18 the dial cord broke on the MR-78. Repaired it on 7/26 after borrowing a roll of dial cord from a friend. I didn't think I could fix it myself at first, but after looking at the service manual it turned out not to be too hard of a job.

There've been 20 days with FM Es for 1990 so far, still behind the previous 4 yrs. 28 days in '89, 24 each for '87 & '88 and 37 days in '86 with FM MUF. Can't complain about quality, which has been good this year. Maybe more to follow.

Matt Sittel, P. O. Box 21421, 501C South Hall, Raleigh, NC 27607

Equipt.: Yamaha TX-900U Modified, Radio Shack 6-element FM antenna,FM amplifier, rabbit ea

7/2 MS
1959 KHNE 89.1 NE hastings,network ID 901
7/3 tr
2137 WKDP 99.5 KY Corbin,calls 94
7/4 tr
0559 WVPB 91.7 WV Beckley,WV Pub.Radio 119
0602 WPFB 105.9 OH Middletown,ID 238
0619 WPAY 104.1 OH Portsmouth,local ad 166
0631 WQHY 95.5 KY Prestonsburg,"Q 95" 93
0634 WTNJ 105.9 WV Mount Hope,calls 131
0639 WKCB 107.1 KY Hindman,calls 71
0648 WQLA 104.9 TN La Follette 90
0659 WVTF 89.1 VA Roanoke,area wx 158
0701 WFDD 88.5 NC Winston-Salem,calls 130
0720 WLLK 102.3 KY Somerset,calls 124
1303 WJLS 99.5 WV Beckley,ID 119
2019 WKYQ 93.3 KY Paducah,calls 343
2109 WMXF 96.5 NC Laurinburg,"Mix 96" 204
2133 WBVR 101.1 KY Russellville,calls 243
7/5 tr
0542 WYNN 106.3 SC Florence,wx 219
0545 WWDM 101.3 SC Sumter,"Big DM 101FM"212
0554 WRHM 107.1 SC Lancaster,calls,k 154
0557 WGNI 102.7 NC Wilmington,"103-GNI" 299
0559 WOUL 89.1 OH Ironton,network -+ 148
0629 WBPR 97.7 SC Georgetown,"Power 98"279
0635 WRIX 103.1 SC Honea Path,local ad 137
0639 WHLZ 92.5 SC Manning,"Wheels" 246
0648 WKQB 107.5 SC St.George,"Q107" 250
0659 WRJA 88.1 SC Sumter,ID 212
2101 WPEZ 107.9 GA Macon,ID 257
2153 WBVR 101.1 KY Russellville,area ad 243
7/6 Es
2059 CBLG 89.1 ON Geraldton,CBC wx 949
2205 KQIZ 93.1 TX Amarillo,"Z 93" 1116
7/7 tr
0754 WZST 102.7 VA Appomattox,"Star102-7"214
0805 WBNT 105.5 TN Oneida,local ref. 113
0810 WKDP 99.5 KY Corbin,"KD Country" 94
0813 WWMY 94.5 NC Eden,"My 94.5" 152
0859 WACG 90.7 GA Augusta,network ID 205
0900 WGNI 102.7 NC Wilmington,ID 299
0918 WLAP 94.5 KY Lexington,"Power94.5"162
0923 WQHY 95.5 KY Prestonsburg,area ad 93
0955 WTCB 106.7 SC Orangeburg,ID 224
0957 WLOD 99.1 TN Loudon,calls 113
1003 WMXF 96.5 NC Laurinburg,ID 204
1004 WGAP 95.7 TN Maryville,local ref. 94
1007 WBVR 101.1 KY Russellville 243
1011 WXLK 92.3 VA Roanoke,"K 92" 158
Es
1059 KBNL 89.9 TX Laredo,ID 1182
1228 XHOX 95.3 TA Tampico,local ref. 1369
1243 XHAAA 93.1 TA Reynosa 1184
1309 KBFM 104.1 TX Edinburg,"B 104" 1167
1314 KIWW 96.1 TX Harlingen,calls 1166
1320 KZFM 95.5 TX Corpus Christi 1055
7/7 Es
1321 KLTG 96.5 TX Corpus Christi 1055
1529 KBAT 93.3 TX Midland,"The Bat" 1174
tr
1530 WSRW 106.7 OH Hillsboro,calls 203
Es
1546 KVRP 95.5 TX Haskell,calls 1008
1547 KZOR 94.1 NM Hobbs,local ad 1205
1547 KTZA 92.9 NM Artesia,"SE'n NM" 1271
1549 KNFM 92.3 TX Midland,calls,k 1174
1557 KKIK 93.7 TX Lubbock,k,"Kick FM" 1116
1557 KLLL 96.3 TX Lubbock,"K Triple L"1116
1558 KFMX 94.5 TX Lubbock,ID 1116
1559 KMGZ 95.3 OK Lawton,"Magic 95",ID 902
1605 KSEL 95.3 NM Portales,calls 1206
1616 KQIZ 93.1 TX Amarillo,"Z 93" 1116
1624 KPLO 94.5 SD Reliance,calls,k 1044
7/8 tr
1059 WREK 91.1 GA Atlanta,ID 216
CONT...

7/8 Es
1512 KBTS 93.3 TX Killeen,"93.3 B93" 948
1518 KTYL 93.1 TX Tyler,calls 786
1542 KGLS 93.1 KS Pratt,calls 897
1547 KJCK 94.5 KS Junction City 808
1553 KYEZ 93.7 KS Salina 857
1602 WIRR 90.9 MN Virginia,wx 925
1604 KZPS 92.5 TX Dallas 864
1605 WJMQ 92.1 WI Clintonville,calls 653
1621 CHIQ 94.3 MB Winnipeg,"Q 94" 1182
1622 KNIN 92.9 TX Wichita Falls,r 936
1630 KFQX 102.7 TX Merkel,"Fox 102 FM" 1038
1632 KEAN 105.1 TX Abilene,"Kean 105",k1026
1643 KXXY 96.1 OK Oklahoma City,"KXY",k837
1649 KQIZ 93.1 TX Amarillo,"Z 93" 1116
1652 KSCS 96.3 TX Fort Worth,ID,k 887
1653 KBIL 92.9 TX San Angelo,"B 93" 1088
1705 KDGE 94.5 TX Gainesville,rp 853
tr
1707 WBVR 101.1 KY Russellville,wx 243
Es
1708 KRJT 100.7 TX Bowie,calls,oldies 894
1733 KCLI 95.3 OK Clinton,calls,k 927
2051 KQHU 104.1 SD Yankton 912
2059 KQLI 94.3 OK Lawton,ID 902
2059 KMGZ 95.3 OK Lawton,ID 902
tr
2117 WPFB 105.9 OH Middletown,"Rebel" 238
2120 KQIZ-93.1 in again (Es)
Es
2141 KKXL 92.9 ND Grand Forks,"XL 93" 1089
2144 KNOX 94.7 ND Grand Forks,"Cool" 1089
2201 CKSB-9 89.1 ON Fort Frances 1003
2202 CBQT 90.5 ON Fort Frances 1003
2202 CFQX 104.1 MB Selkirk,"QX 104" 1195
2206 KKWQ 92.5 MN Warroad,calls,k 1083
7/9 tr
0548 WKQB 107.5 SC St.George,"Q107" 250
0550 WQLA 104.9 TN La Follette,local ref. 90
0553 WBPR 97.7 SC Georgetown,wx 279
0559 WRJA 88.1 SC Sumter,network -+ 212
0627 WSKZ 106.5 TN Chattanooga,"KZ 106" 186
0628 WDEN 105.3 GA Macon,nx 257
0629 WAGQ 104.7 GA Athens,"Lite Rock1047"175
0630 WYAV 104.1 SC Conway,"Wave 104" 265
0631 WGNI 102.7 NC Wilmington,"103-GNI" 299
0637 WGSQ 94.7 TN Cookeville,wx 168
0659 WFSS 89.1 NC Fayetteville,ID 224
7/10 tr
0549 WWXL 103.1 KY Manchester,local ref. 88
0552 WLAP 94.5 KY Lexington,"Power94.5" 162
0558 WRJA 88.1 SC Sumter,network -+ 212
0558 WLTR 91.3 SC Columbia,network -+ 187
0631 WTCB 106.7 SC Orangeburg,"B 106" 224
0633 WZYP 104.3 AL Athens,"ZYP" 274
0634 WBVR 101.1 KY Russellville,"Beaver" 243
0637 WHLZ 92.5 SC Manning,"Wheels" 246
0640 WAGQ 104.7 GA Athens,traffic report 175
0659 WLJK 89.1 SC Aiken,SCERN ID 204
7/11 tr
0551 WTCB 106.7 SC Orangeburg,"B 106" 224
0622 WKDP 99.5 KY Corbin,local ref. 94
Es
1738 KSPZ 92.9 CO Colorado Springs 1230
1815 KMOR 92.9 NE Scottsbluff 1206
tr
2030 WZYP 104.3 AL Athens,"ZYP" 274
2032 WQSM 98.1 NC Fayetteville 224
7/12 tr
0659 WFSS 89.1 NC Fayetteville,ID 224
7/14 tr
0959 WGNI 102.7 NC Wilmington,"GNI" 299
7/15 tr
2201 WVSR 102.7 WV Charleston,"Super 102"144
7/16 tr
0559 WRJA 88.1 SC Sumter,network -+ 212
0559 WVTF 89.1 VA Roanoke,calls 158
7/17 tr
0558 WRJA 88.1 SC Sumter,network -+ 212
0559 WLTR 91.3 SC Columbia,network -+ 187
0629 WQSM 98.1 NC Fayetteville,calls 224
0632 WGSQ 94.7 TN Cookeville,local ref. 168
0659 WLJK 89.1 SC Aiken,ID 204
7/18 tr
0558 WRJA 88.1 SC Sumter,network -+ 212
0559 WLTR 91.3 SC Columbia,network -+ 187
0642 WLKQ 102.3 GA Buford,calls,oldies 180
0656 WDEN 105.3 GA Macon,local ref. 257
0659 WFSS 89.1 NC Fayetteville,calls 224
Es
2028 unID noted on 93.3.
7/19 tr
0629 WPFB 105.9 OH Middletown 238
7/21 tr
2339 WAJY 102.7 SC New Ellenton,calls 213
7/23 tr
0659 WFSS 89.1 NC Fayetteville,calls 224
7/23 tr
2001 WYCQ 102.9 TN Shelbyville 230
2201 WAPW 99.7 GA Atlanta,ID 216
7/24 tr
0558 WRJA 88.1 SC Sumter,network -+ 212
0659 WVPB 91.7 WV Beckley 119
0659 WVTF 89.1 VA Roanoke 158
--on 7/25 new filters put in tuner--
7/26 tr
0555 WDEB 103.9 TN Jamestown,local ref. 134
0556 WTRG 100.7 NC Rocky Mount 267
0600 WTHP 98.3 NC Thomasville,ID,oldies 142
0601 WQDR 94.7 NC Raleigh,nx 219
2058 WCLC 105.1 TN Jamestown 134
2059 WTHP 98.3 NC Thomasville,ID 142
2201 WSGE 91.7 NC Dallas,ID 107
7/27 tr
0554 WVSR 102.7 WV Charleston 144
2159 WKDB 91.3 NC Asheville,-= 74
7/29 tr
0852 WJMH 102.1 NC Reidsville,"102 Jams" 159
7/30 tr
0931 WQSM 98.1 NC Fayetteville 224
0935 WSCZ 96.7 SC Greenwood,calls,k 156
1001 WQEN 103.7 AL Gadsden,ID 258
1106 WNMX 106.3 SC Newberry,"Mix 106" 158
1159 WDEH 98.3 TN Sweetwater 124
7/31 tr
0813 WECO 101.3 TN Wartburg,calls 119
0824 WAJY 102.7 SC New Ellenton,local ad 213
0824 WTSH 107.1 GA Rockmart,"South 107" 220
0825 WNMX 106.3 SC Newberry 158
0826 WLLK 102.3 KY Somerset,"Lake 102" 124
0859 WWDM 101.3 SC Sumter,"Big DM" 212
0906 WQMG 97.1 NC Greensboro,"Power 97" 152
0958 WPLN 90.3 TN Nashville,calls 246
1000 WLTR 91.3 SC Columbia,ID,in $! 187
Es
1739 KTSR 92.1 TX College Station 891
1741 KQFX 96.7 TX Georgetown,"Oldies967"966
1742 KAPT 94.7 TX Luling,"The k Cat" 998
1744 KAJA 97.3 TX San Antonio,"KJ97" 1053
1745 KHFI 98.1 TX Austin,local ref. 981

CONT....

July lacked in E-skip activity, as there was not much heard. Thanks go out to John Tudenham and Todd Brandenburg for their help in IDing stations that I heard. John says my "Power 105.7" is KMCK, Siloam Springs, AR. Todd helped me out on my "Q-96", IDing it as KQNS 95.9 KS Lindsborg. Thanks to both of you!!!

On July 25th I modified my Yahmha tuner, changing the filter sequence for 210-210-180-180 to 210-210-150--110. As you can see it worked! The day after I did it I heard my first ever stations on 98.3 and 96.7. Much thanks to Bill Burrows for his advice. 73's.

Christopher S. Dunne, 21500 Johnson St., Box 533, Pembroke Pines, FL 33029

Equipment: GE Superadio II mod. w/ 15o filters, R. Shack antenna, Pioneer car radio

7/19 Es

1112 ?? 93.5 (1)
1128 WKBQ 106.5 MO Granite City, 970
ment. St. Louis
1141 WKLQ 94.5 MI Holland "KLQ" 1130
?? ?? 95.1 (2)
?? KKRL 93.7 IA Carroll, ID 1305
?? WLEW 102.1 MI Bad Axe, 1170
S. Tyler was DJ
1209 CIMXt 88.7 ON Windsor, 1070
"88.7 The Mix"
?? WJML 98.9 MI Petoskey, 1280
"99 JML"
1226 WKLT (3) MI Kalkaska, 1245
"1-800-968-WKLT"

7/29 Es*

1807 KISX 107.3 TX Whitehouse, 930
ment. Tyler, wrestling ad
1824 KPLX 99.5 TX Ft. Worth, 1070
"K-Plex"
1825 WRR(t)101.1TX Dallas, 1030
c mx, ment. DFW area
1828 KSCS 96.3 TX Ft. Worth, ID 1070
1833 KBTSt 93.3 TX Killeen, 1060
"11 Hot Hits, B-93-FM"
1835 KKDAt104.5 TX Dallas, 1030
SLOW jingle "K-104"
1839 KVNE 89.5 TX Tyler,ID 945
" ?? 89.5 (4)
1840 KVTT 91.7 TX Dallas, ID 1030
1845 ?? 92.5 (5)

7/30 Tr?

?? WVIJ 91.7 FL Pt. Charlotte, 112
Scott Wesley Brown promo385w
" WQLM 92.7 Punta Gorda, b/ID, 106
haven't heard since 1975! (6)

7/30 tr?

" WFTIt 91.7 St. Pete, sounded 170
like ID

FOOTNOTES ...

(1) I heard "Gold Rush" and calls sounded like KGLR. Any ideas, anyone?

(2) Ments. of St. Francis College, and "Magic 95.1". Is that WAJI (IN)?

(3) Is WKLT @ 97.5 or .7? The 800# didn't work in FL!

(4) Ments. of Shreveport wx w/ record highs & lows in city's history. Is there an 89.5 Shreveport LA?

(5) Ment. "Classic Rock" & phone caller ment. "U said 20% chance of rain? (It's pouring) in Arlington!" Gotta be KZPS Dallas.

(6) WQLM has yet to move to 92.9 as yet. WZZR hard to null - 50,000w right?

*1st 6 stns on 7/29 caught w/Superadio whip, the other 4 in the car.

Muchas gracias to all who gave me the info on my unIDs in my last report. Hey, that's what the club's all about, right? If any of you have unIDs that seemed to come from south FL, drop me a line. I may be able to help w/ Latin Amer. unIDs or Caribbean unIDs. If possibly Colombian unIDs, I have a list from last year; same w/ Honduras (that will B tuff 'cause they're no more'n 5000 watts).

I still need info on my unID 96.7 from Alpena MI "silver 97". Anybody?

As they say in Rome, LXXIIIs

Chris

Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228-2744

6/1 Es

0813 WAIR 92.5 MI Atlanta
0823 WZLQ 98.5 MS Tupelo

0826 WKHQ 105.9 MI Charlevoix
0827 WGFM 105.1 MI Cheboygan
0831 WHSB 107.7 MI Alpena
0833 WYSY 107.9 IL Aurora
0835 WAPL 105.7 WI Appleton
0839 IJX 108.6 IL Jacksonville
0844 WVVX 103.1 IL Highland Park
WKFR 103.3 MI Battle Creek
0849 IIKK 108.7 IL Kankakee
0852 WCUZ 101.3 MI Grand Rapids

0856 WXRT 93.1 IL Chicago
0900 WVGR 104.1 MI Grand Rapids
0901 WQLR 106.5 MI Kalamazoo
0942 WWQM 106.3 WI Middleton
0949 WQLH 98.5 WI Green Bay
0951 WRUP 103.3 MI Marquette
0953 KJJK 96.5 MN Fergus Falls

6/1 Es

0959 WJNR 101.5 MI Iron Mountain
1006 WHWL 95.7 MI Marquette
1038 WVKS 92.5 OH Toledo
1041 CJBX 2.7 ON London
1054 WIAA 88.7 MI Interlochen
1058 WBNH 88.5 IL Pedin
1100 WUWM 89.7 WI Milwaukee
1103 CBLJ 88.3 ON Sudbury
1106 WAUN 92.7 WI Kewaunee
1115 WTFX 94.1 WI Watertown
1116 WOLX 94.9 WI Baraboo
1126 WOZZ 93.5 WI New London
1128 WYCO 107.9 WI Wausau
1133 WDOR 93.9 WI Sturgeon Bay
1138 WIAL 94.1 WI Eau Claire
1139 WWIB 103.7 WI Ladysmith
1204 WTBX 93.9 MN Gibbing
1206 KMFY 96.9 MN Grand Rapids
1225 KYCK 97.1 MN Crookston
cont.....

6/1 Es
1241 KDAL 95.7 MN Duluth
1243 KSTP 94.5 MN St. Paul
1245 WJMO 92.3 OH Cleveland Heights
1252 CHTZ 97.7 ON St. Catherines
1321 WMXD 92.3 MI Detroit
1329 WBYR 98.9 OH Van Wert
1337 WNWN 98.5 MI Coldwater
1338 WJLB 97.9 MI Detroit
1759 WLDY 92.7 WI Ladysmith
1800 KNIQ 93.5 IA Mason City
1824 WAVC 105.1 MN Duluth
1900 WVPN 88.5 WV Charleston
1902 KCRB 88.5 MN Bemidji
1909 KKWQ 92.5 MN Warroad
1932 KDDR 92.3 ND Oakes
1937 KSDN 94.1 SD Aberdeen
1941 KQDJ 95.5 ND Jamestown
2000 WWNK 94.1 ON Cincinnati
2005 KLZY 92.5 WY Powell
KQRK 92.3 MT Ronan
2010 KTAG 97.9 WY Cody
2013 KUUB 95.1 MT Bozeman
2020 KOPR 94.1 MT Butte
2022 KTAK 93.9 Wy Riverton
2030 CKUA 93.7 AT Calgary
2032 KTRS 95.5 WY Casper
2041 KRKX 94.1 MT Billings
2043 KLWD 96.5 WY Sheridan
2046 KQKS 104.3 CO Longmont
2049 KBPI 105.9 CO Denver
2058 KYGO 98.5 CO Denver
2113 KROE 94.9 WY Sheridan
2126 KROK 93.5 CO Leadville
2134 WWGL 94.1 NC Lexington
2137 WKRR 92.3 NC Asheboro
2153 WFDD 88.5 NC Winston-Salem
2159 WRVL 88.3 VA Lynchburg
2213 WWWO 93.5 IN Hartford City
WKHY 93.5 IN Lafayette
2220 WXGT 92.3 OH Columbus
2230 WNDH 103.1 OH Napoleon
2232 WZZP 103.9 IN South Bend
2254 WVNO 106.1 OH Mansfield
2392 WPAY 104.1 OH Portsmouth
2307 WYCA 92.3 IN Hammond
2313 WLRW 94.5 IL Champaign
2321 WJML 98.9 MI Petoskey
2327 WZEE 104.1 WI Madison
2329 WMGV 103.9 WI Oshkosh
6/3 Es
0721 WCRJ 107.3 FL Jacksonville
0727 WYA 104.1 GA La Grange
0730 WTSH 107.1 GA Rockmart
0734 WCOS 97.9 SC Columbia
0737 WMCG 104.9 GA Milan
0743 ITOI 108.9 AL Troy
IABY 108.5 GA Albany
0751 WKSI 98.7 NC Greensboro
0754 WIVK 107.7 TN Knoxville
0801 WCIG 107.1 SC Mullins
0806 WSIP 98.9 KY Paintsville
0808 WJCL 96.5 GA Savannah
0809 WJMX 103.3 SC Cheraw
0821 WRDU 106.1 NC Durham
0824 WTBK 105.7 KY Manchester
0825 WZNY 105.7 GA Augusta
0826 WRDX 106.5 NC Salisbury
0828 WXLN 103.9 KY Louisville
0832 WMLI 96.3 WI Sauk City

6/3 Es
0837 WTQR 104.1 NC Winston-Salem
0839 IJX 108.6 IL Jacksonville
0850 WVBS 99.9 NC Burgaw
0921 KQLX 106.1 ND Lisbon
0950 WOLX 94.9 WI Baraboo
0958 KFNW 97.9 ND Fargo
0954 KBHL 103.9 MN Osakis
1000 KLTA 105.1 MN Breckenridge
1002 WAIR 92.5 MI Atlanta
1007 CBCL 92.5 ON London
1010 WRRN 92.3 PA Warren
1013 KKWS 105.9 MN Wadena
1021 KCRB 88.5 MN Bemidji
1755 WCEZ 93.5 SC Columbia
1849 KKWQ 92.5 MN Warroad
1858 WCHY 94.1 GA Savannah
1921 KSDN 94.1 SD Aberdeen
1925 KKOK 97.7 MN Morris
1930 WWKA 92.3 FL Orlando
1931 KKRC 93.5 SD Sioux Falls
1951 WEOW 92.5 FL Key West
1959 WMNF 88.5 FL Tampa
KESD 88.3 SD Brookings
2002 WOZZ 93.5 WI New London
6/4 Es
1103 KNPR 89.5 NV Las Vegas
1112 KYRK 97.1 NV Las Vegas
1113 KMGN 93.9 AZ Flagstaff
1115 KLUC 98.5 NV Las Vegas
1122 KCEP 88.1 NV Las Vegas
1123 KUNV 91.5 NV Las Vegas
1255 KIQZ 92.7 WY Rawlins
6/5 tr
2113 KYDR 93.3 TX Port Arthur
2140 WCKW 92.3 LA Laplace
6/6 tr
0495 WQST 92.5 MS Forest
0413 KYKS 105.1 TX Lufkin
0424 KABF 88.3 AR Little Rock
0432 KMLA 103.9 AR Ashdown
0436 KLLI 95.9 TX Hooks
0440 KTUX 98.9 TX Carthage
0441 KQYN 93.9 TX Paris
0451 KJCS 103.3 TX Nacogdoches
0454 KQID 93.1 LA Alexandria
KLSA 90.7 LA Alexandria
0508 KIPR 92.3 AR Pine Bluff
0514 KDXE 95.9 TX Sulphur Springs
0516 KHYS 98.5 TX Port Arthur
0519 KIKT 93.5 TX Greenville
0532 KGEE 99.9 TX Odessa
0534 WJMI 99.7 MS Jackson
0713 KKYR 102.5 AR Texarkana
0719 KLAZ 105.9 AR Hot Aprings
0726 KPXI 100.7 TX Mount Pleasant
0732 KOOI 106.5 TX Jacksonville
0740 KNUE 101.5 TX Tyler
6/8 Es
0957 KKBT 92.3 CA Los Angeles
1000 KFSD 94.1 CA San Diego
1001 XHRM 92.5 BCN Tijuana
1002 XHJC 91.5 BCN Mexicali
1003 KTTI 95.1 AZ Yuma
tr
1009 KQTZ 105.9 OK Hobart
Es
1059 WFCH 88.5 SC Charleston
6/9 tr
0659 KIPR 92.3 AR Pine Bluff
cont.....

6/13 Es
1213 KLGY 94.1 UT Salt Lake City
1216 KCPX 98.7 UT Salt Lake City
1218 KUSU 91.5 UT Logan
1219 KRPN 107.9 UT Roy
1220 KZHT 94.9 UT Provo
1222 KJYE 92.3 CO Grand Junction
KLZX 93.3 UT Salt Lake City
1225 KBZN 97.9 UT Ogden
12/14 Es
1507 KPPR 89.5 ND Williston
1523 WSTD 96.9 MI Standish
6/15 Es
0923 XHRJ 92.5 MX Toluca
tr
1148 XHSRO 92.5 Monterrey
1336 KNFM 92.3 TX Midland
Es
1401 KXTZ 94.1 NV Henderson
1401 KLUC 98.5 NV Las Vegas
1409 KWYK 94.9 NM Aztec
1411 KRST 92.3 NM Albuquerque
1412 KRAZ 96.9 NM Farmington
1431 KYJE 92.3 CO Grand Junction
6/16 Es
1053 WGNV 88.5 WI Milladore
tr
2131 WCKW 92.3 LA Laplace
2152 KYKR 93.3 TX Port Arthur
6/17 Es
0221 KNUE 101.5 TX Tyler
0228 KDAQ 89.9 LA Shreveport
0238 KWRW 97.7 TX Rusk
6/18 Es
1754 WKRR 92.3 NC Asheboro
1757 WKTC 96.9 NC Goldsboro
6/19 Es
1305 WCHY 94.1 GA Savannah

1819 CJBX 92.7 ON London
1856 WOLX 94.9 WI Baraboo
1930 WCBR 92.7 IL Arlington Heights
1932 WXRT 93.1 IL Chicago
2003 KMCM 92.5 MT Miles City
2010 KAML 96.9 WY Gillette
2017 KLZX 93.3 UT Salt Lake City

2030 KZHT 94.9 UT Provo
2035 KKWZ 93.7 UT Richfield
2037 KJYE 93.3 CO Grand Junction
2050 KLZY 92.5 WY Powell
6/21 Es
1404 WBGF 93.5 FL Belle Glade
1408 WCMQ 92.3 FL Healeah
1411 WAYJ 88.7 FL Naples
1413 WEZY 94.1 FL Lakeland
1415 WCVU 94.5 FL Naples
1416 WYUU 92.5 FL Safety Harbor
1420 WNLT 95.7 FL Clearwater
1425 WKGR 98.7 FL Fort Pierce
1427 WUSF 89.7 FL Tampa
1431 WADA 107.1 FL Melbourne
1436 WYNF 94.9 FL Tampa
1437 WWKA 92.3 FL Orlando
1441 WFLZ 93.3 FL Tampa
1449 WWLV 94.5 FL Daytona Beach
1450 WHTQ 96.5 FL Orlando
1459 WMNF 88.5 FL Tampa
1502 WTLG 88.3 FL Starke
1507 WZAZ 92.7 FL Green Cove Springs
1510 WMTO 93.5 FL Port St. Joe
1511 WNCM 88.1 FL Jacksonville

6/21 Es
1512 WTNT 94.9 FL Tallahassee
1521 WMTM 93.9 GA Moultrie
1523 WVOH 93.5 CA Hazlehurst
6/22 Es
1225 WPDG 97.9 NC Concord
1237 WUAW 88.3 NC Erwin
1405 WGWG 88.3 NC Boiling Springs
1541 WJIE 88.5 KY Okolona (ms)

6/23 tr
0030 WCKW 92.3 LA Laplace
0320 KTXB 89.7 TX Beaumont
Es
1951 WKRR 92.3 NC Asheboro
1954 WXLK 92.3 VA Roanoke
2001 WPVR 94.9 VA Roanoke
2009 WRVL 88.3 VA Lynchburg
6/25 Es
1215 WCMQ 92.3 FL Hialeah
1216 WAYJ 88.7 FL Fort Myers
1220 WLVE 93.9 FL Miami Beach
1252 WWKA 92.3 FL Orlando
1259 WJLU 89.7 FL New Smyrna Beach
1641 WJIE 88.5 KY Okolona
1645 WVPN 88.5 WV Charleston
1701 WYCA 92.3 IN Hammond
1715 WGVU 88.5 MI Allendale
1728 WGNV 88.5 WI Milladore
1729 WJPD 92.3 MI Ishpeming
1740 KOEL 92.3 IA Oelwein
1742 KTUF 93.5 MO Kirksville
1748 WFMT 98.7 IL Chicago
1751 WJZQ 95.1 WI Kenosha
1755 WLUP 97.9 IL Chicago
1759 WDZQ 95.1 IL Decatur
1806 WBNQ 101.5 IL Bloomington
1809 WSPL 95.7 WI La Crosse
1812 WOOD 105.7 MI Grand Rapids
1814 WYSY 107.9 IL Aurora
1821 KSPQ 93.9 MO West Plains
1822 WAAG 94.9 IL Galesburg
1824 BIB 109.9 IL Bible Grove
1826 WZTR 95.7 WI Milwaukee
1828 WMIL 106.1 WI Waukesha
1835 WQLR 106.5 MI Kalamazoo
1838 WTPI 107.9 IN Indianapolis
1840 WMDH 102.5 IN Newcastle
1841 WSPW 103.3 IN New Carlisle
1842 WKIO 103.9 IL Urbana
1842 WHME 103.1 IN South Bend
1846 WLBC 104.1 IN Muncie
1850 WBTU 93.3 IN Kendallville
1853 WKTT 103.1 WI Cleveland
CKNR 93.9 ON Windsor
1854 WWNK 94.1 OH Cincinnati
1855 WFPC 102.3 IN Petersburg
1912 WRED 95.7 OH Gibsonburg
1918 WIBM 94.1 MI Jackson
1919 WCDV 103.1 IN Covington
1922 WBYR 98.9 OH Van Wert
1926 WKJQ 92.5 OH Alliance
1929 WFCJ 93.7 OH Miamisburg
1955 WTBX 93.9 MN Bemidji
2007 KJJY 92.5 IA Ankeny
2024 KMFY 96.9 MN Grand Rapids
2033 KDAL 95.7 MN Duluth
2047 KQRS 92.5 MN Golden Valley
2048 WVIC 94.9 MI East Lansing
6/26 Es
1929 WYST 92.3 MD Baltimore, CONT.....

6/26 Es
1939 WCVT 89.7 MD Towson
1945 WKYS 93.9 DC Washington
2008 WGNV 88.5 WI Milladore
6/27 Es
0652 WJPD 92.3 MI Ishpeming
tr
0658 KQXY 94.1 TX Beaumont
KTYL 93.1 TX Tyler
0706 KEEP 92.3 TX Marshall
0708 KZMZ 96.9 LA Alexandria
0714 KUEZ 99.3 TX Lufkin
0726 KYKR 93.3 TX Port Arthur
Es
0728 WKSU 89.7 OH Kent
0816 WYCA 92.3 IN Hammond
0835 WRRN 92.3 PA Warren
0847 WHBC 94.1 OH Canton
0848 WJMO 92.3 OH Cleveland
0854 WKBN 98.9 OH Van Wert
0856 CHTZ 97.7 OH St. Catherines
WDOR 93.9 WI Sturgeon Bay
0859 WKSE 98.5 NY Niagra Falls
0921 KEYA 88.5 ND Belcourt
0932 KDDR 92.3 ND Oakes
0943 KQLX 106.1 ND Lisbon
0945 CKWG 103.1 MB Winnipeg
0949 CFQX 104.1 MB Winnipeg
1000 KDSU 91.9 ND Fargo
6/28 Es
1530 WERN 88.7 WI Madison
1545 KIOW 102.3 IA Forest City
1547 WAKX 98.9 MN Duluth
1549 WEVE 97.9 MN Eveleth
1551 KDAL 95.7 MN Duluth
1552 KJJY 92.5 IA Ankeny
1553 WLDY 92.7 WI Ladysmith
1554 WIAL 94.1 WI Eau Claire
1556 KSTP 94.5 MN St. Paul
1559 KQQL 107.9 MN Anoka
1600 KQRS 92.5 MN Golden Valley
1601 KRIT 96.5 WI Algoma
1606 WQTC 102.3 WI Manitowoc
1608 WAVC 105.1 MN Duluth
1609 KEEY 102.1 MN St. Paul
1610 WLST 95.1 WI Marinette
1615 WIXK 107.1 WI New Richmond
1618 WRHL 102.3 IL Rochelle
1621 WZEE 104.1 WI Madison
1623 WKHQ 105.9 MI Charlevoix
1624 WLTO 103.9 MI Harbor Springs
1626 IRAC 108.7 WI Racine
1631 WTKM 104.9 WI Hartford
1632 WJZQ 95.1 WI Kenosha
1634 WSJY 107.3 WI Fort Atkinson
1635 WYSY 107.9 IL Aurora
1636 WTCM 103.5 MI Traverse City
1637 IJVL 109.1 WI Janesville

6/28 Es
1638 WSPY 107.1 IL Plano
1640 WWIB 103.7 WI Ladysmith
1641 WABT 103.9 IL Dundee
1643 WRWC 103.1 IL Rockton
1648 WAPL 105.7 WI Appleton
1651 WKLH 96.5 WI Milwaukee
WAJK 99.3 IL La Salle
1656 WYCO 107.9 WI Wausau
1705 WFMX 105.7 NC Statesville
1708 WWJO 98.1 MN St. Cloud
1711 WRAL 101.5 NC Raleigh
1714 WUPQ 97.9 MI New berry
1715 WIMI 99.7 MI Ironwood
1721 WXLC 102.3 IL Waukegan
1724 WMZK 104.1 WI Merrill
1732 KKWS 105.9 MN Wadena
1743 WUPM 106.9 MI Ironwood
1745 KNEI 103.9 IA Waukon
1746 KEZT 104.1 IA Ames
1749 KFMW 107.9 IA Waterloo
1751 KLSS 106.1 IA Mason City
WJFM 98.7 MI Grand Rapids
1754 WBGZ 105.9 WI Washburn
1756 KFIL 103.1 MN Preston
1757 WUOO 103.9 IA Spirit Lake
1758 WLJY 106.5 WI Marshfield
1803 WTBX 93.9 MN Hibbing
1809 KOEL 92.3 IA Oelwein
1811 WKML 95.7 NC Lumberton
1815 KISD 98.7 MN Pipestone
1823 KXRA 92.7 MN Alexandria
1824 KILO 92.5 SD Sioux Falls
KSCR 93.5 MN Benson
1827 KSDN 94.1 SD Aberdeen
1829 KFNW 97.9 ND Fargo
KKBJ 103.7 MN Bemidji
1833 KQWB 98.7 MN Moorhead
1840 WHLZ 92.5 SC Manning
1859 WAGP 88.7 SC Beaufort
WKCL 91.5 SC Ladson
1900 WFCH 88.5 SC Charleston
6/30 Es
0848 WCMQ 92.3 FL Hialeah
1952 CKMR 93.9 ON Windsor
1954 WBYR 98.9 OH Van Wert
1956 WCLR 95.7 OH Piqua
1958 WLHN 97.9 OH Anderson
2000 WMXD 92.3 MI Detroit
2001 WWNK 94.1 OH Cincinnati
2007 CKSY 95.1 ON Chatham
2009 WHMI 93.5 MI Howell
2022 WNWN 98.5 MI Coldwater
2023 WELL 104.9 MI Marshall
2025 WUGN 99.7 MI Midland
2043 WSAK 106.3 IL Sullivan
2045 WBFG 97.7 IL Effingham

Equipment: Realistic TM-1001 tuner(with two of its four IF filters replaced early on June 1 with 150 kHz units)fed into Allied 426 audio amp, Archer 6-31. at 20' with rotor.

The IF filter change has probably resulted in some of the 95.9 loggings here(next to our 96.1 local)etc. On a "quiet" band with weak signals the filter "ripple" can easily fool one though--mistaking, e.g., a 92.3 for a 92.1, etc. Tuning has to be done a little more carefully to avoid moderate distortion. (For full audio quality I can always go to "wide", which bypasses the two 150-kHz units.)

There were several days here with simultaneous Es signals for the Carolinas and the Dakotas. There also seems to be a distinct "shortage" of things from AZ and CA this season though. 144 MHz Es MUF reached on June 1(MI, WI, IL), 3 (W4, 8, 9, and MD), and 28 (IL).

Good tropo in early June increased the TX(and AR)totals. The June 1 catch of Alberta was the first time since 1980 that I've gotten a new Canadian province. 73.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075
Equipt.: Pioneer TX-9100 modified with 3 180s & 1 150, Probe 9 up 32 ft. with rotor, RG-6

7/18 Es
1834 WCTH 100.3 FL Plantation Key, ads, wx, "Catch FM"
1836 WSHE 103.5 FL Ft. Lauderdale, 1230 "103 She"
1849 WYSP 94.1 PA Philidelphia 1220
1857 WAYJ 88.7 FL Fort Myers,"Way FM" 1130

7/19 Es
1213 WRNS 95.1 NC Kinston
1218 WPVR 94.9 VA Roanoke 970
1219 WOBR 95.3 NC Wanchese, "Beach 95"
1224 WOVK 98.7 WV Wheeling 950
1230 WQMX 94.9 OH Medina, calls
1231 WTOF 98.1 OH Canton 920
1240 WGH 97.3 VA Newport News, EBS test

7/19 Es
1249 WOWI 102.9 VA Norfolk
1253 WKEZ 94.1 VA Yorktown
1256 WQHQ 104.7 MD Ocean City
1259 WCPE 89.7 NC Raleigh
1300 WUNC 91.5 NC Chapel Hill
1311 WGMD 92.7 DE Rehoboth Beach, calls 1200
1354 WAMU 88.5 DC Washington 1105
1359 WPAR 88.1 NC Claremont
1403 WKYS 93.9 DC Washington, calls, r
1416 WDLX 93.3 NC Washington, "93 DCX"

7/30 ex.gw
1940 KHAJ? 100.3 Ok Taft? "The Boss", $,r
2002 KAPH 100.3 KS Kingman, ID, $

FINALLY, the tornado story concludes after leaving off in the July SFM:

I was trying to tune in the weather spotters on the scanner when all of a sudden the electricity went off. I figured the power outage was a dead giveaway that the tornado was indeed for real and somewhere in town tearing things up. Frightened enough now, I finally hid for safety, doing so in the hall braced behind a mattress. Within a minute, some pounding, roaring wind came up and lasted for a short period. After it was over the home seemed quite intact but a look out to the backyard revealed that the 40+ ft. cottonwood tree had uprooted and laid sprawled across the backyard, fortunately not the house. What laid on the house was my totaled Probe 9 antenna and 20 ft. of mast. And my Antennacraft GFM10 attached to a fence and used as a substitute was on the ground. Meantime, a number of dazed neighbors wandered around surveying damage elsewhere in the neighborhood, mostly minor destruction like downed tree limbs, gutters, and some sucked off shingles I joined them, but soon a heavy shower drove everyone back in. As darkness fell KSPI radio reported traffic was backed up close to a mile at a major intersection. I guess sightseers were in a panic to see the damage before it got dark. Dead traffic lights did not help matters. I did not wish to join them. The next morning light revealed the tornado carved out a narrow but destructive path only a half mile from my house. High winds that radiated out from the path covered the whole town. If anyone like me had an antenna up on a rotor, it likely got blown down. Antenna destruction in Stillwater was not all that common since Stillwater isn't much of an antenna town. Reception from the OKC antenna farm doesn't demand an elaborate antenna set-up. Also the popularity of the nearly 40 channel cable system over the years has just about managed to make outdoor TV antennas obsolete. TV antennas sticking up are a rare sight these days, especially in the newer neighborhoods. I wouldn't be surprised if the rise of cable in small towns has kept many people from being introduced to the hobby of TV-FM DXing. Anyway, in the aftermath of the Stillwater tornado, my Probe 9 got replaced. Many homes and businesses damaged or destroyed are being built back looking as good as new, if not better than before. In reconstructing, one homeowner is adding a second story. The May 15th tornado was the first tornado to hit Stillwater in 15 years. Hopefully,more time than that can past before the next one.

In a different matter, Matt Sittel asked what DXing would be like in Norman, Ok. He may choose to attend the University of Oklahoma at Norman for graduate study in meteorology. I haven't done any monitoring to speak of in Norman, but it looks to be a better town for DXing than Stillwater. In Norman, the Tulsa stations would be much less of a problem. TV 2,3,6 look good for Es. Dallas-Ft. Worth is probably still far enough away to not present much trouble. Also Norman has only one FM station and one translator.

And surely the Oklahoma City antenna farm is far enough away to not cause overloading up and down the dial. And of course,Norman is a good place to study the severe thunderstorms that start firing up in western Oklahoma in the middle of a spring time afternoon while hoping they settle down enough to decent levels before arriving in central Oklahoma by night, which isn't always the case as in the Stillwater tornado.

####

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NEW YORK 14221

OR DXers in: Canada, NY, PA, CT, RI, MA, ME, VT, NH, NJ, OH, MI, IN, IL, WI, MN, KS, NE, IA, SD, ID, MT, WY, OR, WA, ID, and AK. **Log cutoff for October 1990 column is July 1, 1990.**

SEPTEMBER 1990 — DEADLINE: The 1st.

Another big column this month, thanks to some good tropo openings during the beginning of July. The NJ DXers did especially well on this opening: see their reports. However, skip has been dissappointing during the latter half of the season, although there were good openings in the last week of June, and July 8 and 19.....

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO NOM 1LO

Equipment: Magnum Dynalab FT-101A Etude, Stereo Probe 9 at 27 feet with rotor and RG-11U coax. Magnum Signal Sleuth preamp.

JUNE 1990

3 M.S.

0936 CBAF26 88.5 NB Moncton, French talk 831
1153 unID 91.9 ?? French talk (Perhaps this could have been CBF9 Mont Laurier, PQ-gc)

6 Es

0052 KLSU 91.1 LA Baton Rouge, $, LSU promo 1056
0058 WMMK 92.1 FL Destin, k$, "K-92" 949
0100 KPAE 91.5 LA Erwinville, g$, Grace & Truth 1064
0106 WMEE 90.7 FL Orlando, c$, ID 1031
0108 WQZX 94.3 AL Greenville, election results stereo, "Q-94" 851
0112 WMXQ 94.3 FL Riviera Beach, ID, "Palm Beach County's best music" 1143
0121 KIEZ 96.3 LA Brusly, b$, ads 1061
0122 WZLM 97.3 AL Dadeville, ro$,ID with WDLK AM 1450 786
0133 KQKI 95.3 LA Bayou Vista, k$, Quckie 1110
0135 KBAU 94.3 LA Gallriano, r$, Bayou 94 1105
0139 WBLX 92.9 AL Mobile, ID$, ads 966
0241 WCTO 92.1 FL Venice, k$, contest promo 1135

7 Es

0702 WFCE 88.9 FL Tarpon Springs, mono, nx, wx sports, ID , **STATION #1000 HEARD** 1067
0703 WIIS 88.1 FL Bradenton, g$ 1108
0713 WCTQ 92.1 FL Venice, k$ 1135
0726 WYUU 92.5 FL Safety Harbor, ro$, U-92 1075
0742 KTSR 92.1 TX College Station, r$, Star 92 1230

8 GW

0602 WIDL 92.1 MI Caro, ro$, moved from 104.9 filling vacancy on 92.1 left when WLEW moved to 102.1 88

8 Tr

0845 WICH 91.9 IL Joliet, g$, Family Radio 371
0846 WFPK 91.9 KY Louisville, c$, ID 431

10 Es

1345 WIIS 88.1 FL Bradenton, g$, mixing w/CBEE 1108

JULY 1990

1 Tr/GW

0400 [WXKR] 94.5 OH Port Clinton, ro$, Toledos' Classic Rock, ex WOSE, this is correct call 156

7 Es

1601 KNGM 91.9 KS Emporia, ID$ 862

8 Tr

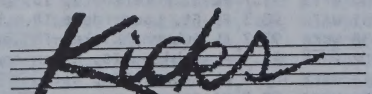
0242 WFPK 91.9 KY Louisville, c$, very strong 431
0244 WAMZ 97.5 KY Louisville, k$ 431
0329 WBZW 107.7 OH Loudonville, m, The Breeze Wooster's newest station 216
0334 WXBO 96.9 TN Bristol, k$, great sig 480
0359 WDCL 89.7 KY Somerset, c$, ID also for WKYU 88.9 and WKPB 89.5 475
0400 WEKU 88.9 KY Richmond, c$, ID for WEKH 426
0438 WYNS 96.1 WV Charleston, ro$, ID 357
0440 WCOZ 96.7 KY Paris, very weak, WCOZ Cozy 96.7, CKGL in on top 396
0445 WKQQ 98.1 KY Lexington, r$, Double Q 415
0559 WGUC 90.9 OH Cincinnati, c$, ID 344
1745 WDPR 89.5 OH Dayton, weather rpt$ 300
1820 WBTU 93.3 IN Kendallville, k$ 251

8 Es MUF at least 107.9

1541 WZEW 92.1 AL Fairhope, r$, 92 Zoo 970
1543 WBLX 92.9 AL Mobile, rs$ 966
1549 WRSA 96.9 AL Decatur, b$, Beautiful 97 687
1552 WQEX 96.7 MS Gulfport, rs$, Foxy 96 1009
1605 WHER 103.7 MS Hattiesburg, weather 949
1606 KKAY 104.9 LA Donaldsville, k$, ID 1061
1608 WKBB 100.9 MS West Point, ads$ 786
1611 KAIN 102.9 LA Crowley, g$ 1116
1620 unID 105.7 ?? r$, All hot K106 either KMCK or WAKH
1622 WGKX 105.9 TN Memphis, k$, Kicks 106 748
1624 WKJN 103.3 LA Hammond, wx, Cajun 103 1034
1633 WKEU 97.7 GA Griffin, k$, K-97.7 697
1637 KZMZ 96.9 LA Alexandria, rs$, Power 96.9 1050
1639 WKLS 96.1 GA Atlanta, r$, 96 Rock 690
1649 WSB 98.5 GA Atlanta, r$, B 98.5 690
1650 unID 95.3 Atlanta Braves baseball
1652 WOLZ 95.3 FL Ft.Myers, Oldies 95 1162
1653 WNLT 95.7 FL Clearwater, ads$ 1075
1656 WHVE 102.5 FL Sarasota, r$, ID 1230
1701 WKSJ 94.9 AL Mobile, k$, 95-KSJ 966
1705 WLUN 95.3 MS Lumberton, r$, U-95-FM 977
1711 WMMZ 93.7 FL Ocala, r$, Z-93.7 993
1744 KSBJ 89.3 TX Humble, g$, that cloud was sure moving around! 1228
1749 WYUU 92.5 FL Safety Harbor, k$, U-92 1075
1752 WMMK 92.1 FL Destin, k$, 952
1800 WWNO 89.9 LA New Orleans, wx rpt 1056
2146 unID 88.1 g$, MUF up to 107.9 again!
2159 KOEZ 92.3 KS Newton, ads$ 930
2200 KZOC 92.9 KS Osage City, r$, Z-93, recent change from 92.7 (Jeff, are you sure it said Z-93. Their slogan is KZ-93, k$-g$) 862
2204 KXXY 96.1 OK Oklahoma City, k$, KXY 1039
2210 KWOX 101.1 OK Woodward, k$, K-101, way over WRIF 1089
2214 WCTH 100.3 FL Plantation Key, rm$ Catch 100, another strange hop 1277
2219 KRZZ 96.3 KS Derby, ro$, from 95.9 949
2229 KKWK 97.1 OK Muskogee, rm$, Quick 97 884
2236 KFDI 101.3 KS Wichita, k$, ID 941
2300 KNGM 91.9 KS Emporia

Conditions have been pretty good. Nice to reach 1000 heard plateau. Hope everyone is having a nice summer with lots of DX. 73

STATION NEWS: WIDL 104.9 Caro, Michigan has switched frequency to 92.1 (see Jeff Falconer's report). Also in his report note that 94.5 in Port Clinton, Ohio (Toledo) is now WXKR; format is "Toledo's Classic Rock." WLYF 101.5 in Miami is reportedly dropping easy listening format for soft vocals. CJLX 91.9 in Toronto is on, seems very weak. It was broadcasting a local carrace.



JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - Two McIntosh MR-78 tuners feeding separate amps/tape decks, a pair of CM Stereo Probe 9s, stacked, with rotor at 40 ft.

Time: ELT

JUNE 1990

1 Es

1100 KTKC 92.7 LA Springhill, KBSF-KTKC ID, k, Unistar nx 1177
1108 KITT 93.7 LA Shreveport, ID 1208
1127 WXRZ 94.3 MS Corinth, call + Z-94 863
1954 WYNF 94.9 FL Tampa, ID, r 985
1959 WYFO 91.9 FL Lakeland, ID, g 965
2011 WTRS 102.3 FL Dunnellon 917

13 Tr

2140 WDJQ 92.5 OH Alliance, r, call + Q-92FM, r 350
2214 WOMP 100.5 OH Bellaire, "Womp-FM", r 336
WLTJ-92.9 and WSHH-99.7 Pittsburgh also in

15 Tr/Trs

1652 WCUL 103.1 VA Culpeper, C-103, k, Orange, Culpeper ad 239
1700 WAFY 103.1 MD Middletown, ID 183
1919 WZVU-107.1 NJ off for a few hours leaving WZFM NY, WWHB NY, and bits of WEZX PA on scatter occasionally.

17 Tr

0700 Strong Tr to Washington-Baltimore-Norfolk
0738 WDIH 90.3 MD Salisbury, g, IDs as WDIH, Deliverance Is Here 164
2000-2400 Boston very strong including rarely heard WJIB-96.9 and WZLX-100.7
2159 {WWBB} 101.5 RI Providence, legal ID, B-101 (strict), oldies, ex-WLKW 179
2205 WMJX 106.7 MA Boston o/WLTW while nulling WLTW to the south (Boston is to the north!!). Full WMJX ID 213
2229 {WBOQ}-104.9 MA Gloucester, classical W-Bach, ex-WVCA 239

19 Es

1742 WEEJ 100.1 FL Port Charlotte, ID, r 1037
1743 WTLN 95.3 FL Apopka, call, ad 915
1759 WSEB 91.3 FL Englewood, ID, g 1045
1914 {WNFB}94.3 FL Lake City, ads, call, ex-WQPD 854
1924 WTNT 94.9 FL Tallahassee, TNT Country + call, k 892
1931 WZLS 95.7 GA Valdosta Valdosta's Z-97, r 836
1940 WAAC 92.9 GA Valdosta, C-93, k 836

26 GW/Tr

From before 0400 to about 1430 WFUV-90.7 NYC off leaving WTCC MA and WMRA VA plus tentatively WCLH PA and WOTJ NC and someone (on Tr) with calls sounding like WVME

26 Es

1824 {WFLC}97.3 FL Miami, "So. FL's New Coast" ex: WAIA/WGTR 1078
1829 WHYI 100.7 FL Ft. Lauderdale, Y-100, New Kids promo 1051
1900 WFTI 91.7 FL St.Petersburg, ID, g 1001
1931 WAFG 90.3 FL Ft. Lauderdale,ID,g,b 1078
1938 WKKR 97.7 AL Auburn,"Kicker-FM",ads 825
2002 WBLX 92.9 AL Mobile, ID, urban con. 1025
2012 WALX 100.9 AL Selma, PSA, call, r 898
2026 WZGC 92.9 GA Atlanta, "Atlanta's Z-93", r 723
2059 WURC 88.1 MS Holly Springs, ID 915
2102 KQFX 96.7 TX Georgetown, "The Fox", o, legal ID as Georgetown-Austin 1476

26 Es (continued)

2124 KPLX 99.5 TX Ft. Worth, K-Plex, k, over WBAI/WJBR 1365
2137 KLTY 94.1 TX Ft. Worth, SID 1365
2145 KLRE 90.5 AR Little Rock, KLRE-KUAR ID, classical 1056
2300 KOSU 91.7 OK Stillwater, nx, call 1265

27 Tr

0100 Norfolk strong
0118 WXRI 107.7 VA Windsor, BRN (Business News), ID with Suffolk 289

27 Es

0933 KEGS 101.7 KS Emporia, ID, ad, k 1170
0941 KNMO 97.7 MO Nevada, KNEM-KNMO ID 1084
0942 WYMG 100.5 IL Jacksonville, call, Morning Zoo 850
0945 KJFM 101.7 MO Louisiana, call 883
0950 {KCFM}107.3 MO Lexington, ads, call, k, ex-KBEK 1035
0952 WESZ 100.1 IL Lincoln, call, E-Z Country 787
0956 KRXL 94.5 MO Kirksville, ad, wx, call + X and X-94 1/2 956
0959 KNIM 99.3 MO Maryville, AM-FM ID 1075
1000 KJTY 88.1 KS Topeka, g, KJTY-KJTH-91.1 ID 1132
1004 WTAZ 102.3 IL Morton, nx, ID 789
1005 KBKB 101.7 IA Ft. Madison, ending NBC News, ID, ads 893
1010 KOAK 95.3 IA Red Oak, KOAK News 1089
1014 KTWA 92.7 IA Ottumwa, ID 953
1015 KEFM 96.1 NE Omaha, promo, ads, Light 96 1128

JULY 1 Es

1022 KNIN 92.9 TX Wichita Falls, ID 1402
1026 KISR 93.7 AR Ft. Smith, "KISSER" 1146
1027 KFNC 100.9 OK Sulphur, call, pgm of Southern gospel music 1304
1045 KKNG 92.5 OK Oklahoma City, call 1304
1058 KSPI 93.7 OK Stillwater, wx, area ads but no ID on hour prior to news - QSLed reception as definite, however. 1265
1112 KCVO 91.7 MO Camdenton, g, call + Christian Voice of the Ozarks 996

3 Super Tr

2240 {WYSN}-101.7 PA Central City, Somerset ad, Sunny 101.7, ex-WWZE 233
2259 WQLN 91.3 PA Erie, ID, classical 313
2320 WTGV 97.7 MI Sandusky, call, ads, Tiger baseball 474
2338 WWKI 100.5 IN Kokomo, k, call, "Best variety of country mx in IN" 615
2340 WSHW 99.7 IN Frankfort, PSA Shine 99 636
2347 WIOTt 104.7 OH Toledo, ad for Sylvania which checks out perfectly on map
2359 WKPQ 105.3 NY Hornell, S/off which consisted of a WHHO-WKPQ ID 207

4 - even more Super Tr!

0010 WKXA 100.5 OH Findlay, call, r, "Findlay's Hit FM" 483
0032 {WBMW} 107.7 NY Wethersfield, new age, "Buffalo's Wave", ex-WBIV/WUWU/WBYR 262
0052 CKGL 96.7 ON Kitchener, k, call 318
Will continue next month...

73, Joe

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303
Equipment: McIntosh MR-78 FM Tuner - Stereo Probe 9 Antenna 37 feet above ground

May 1990 (CDT)

7 MS
0525 WAEJ 88.7 FL Fort Myers, 959
WIGR/WOBO off air, Previous Es
10 tr
0500 CBBL 100.5 ON London, //CBE 89.9 288
(o/WWKI 100.5 IN Kokomo, very low power)
1911 WEFR 88.1 PA Erie, faint ID 307
12 MS
0330 WKGR 98.7 FL Fort Pierce 926
13 MS
0612 WGYL 93.5 FL Vero Beach, 912
Previous Es
14 tr
0459 WIAA 88.7 MI Interlochen, c$ 309
ex-88.3 (o/CIMX ON Windsor)
0615 WMJW 107.5 MS Magee-Jackson, wx, 623
MS nx, $, "Magic-107"
0720 WBKJ 105.1 MS Kosciusko, k$, ads 545
0748 KSNE 104.3 AR Marshall, k$ 477
0855 WENN 107.7 AL Birmingham, AL wx $467
0902 WWZD 106.7 MS New Albany, k$ 441
0927 WEGR 102.7 TN Memphis, ads $ 432
0939 WSLI 96.3 MS Jackson, ads $ 607
0958 WMC 99.7 TN Memphis, ad 432
(o/WSHW 99.7 IN Frankfort)
1000 WSTZ 106.7 MS Vicksburg-Jackson 630
16 MS
0553 WMZQ 98.7 DC Washington 454
20 MS
0150 KKCS 101.9 CO CO Springs, 1040
Previous Es
0241 KKCS 101.9 CO CO Springs 1040
0344 KQXT 101.9 TX San Antonio, 1025
Previous Es
22 MS
0252 KILT 100.3 TX Houston 915
23 tr
2000 WBLG 107.1 KY Smiths Grove- 225
Bowling Green, r
25 Es
1956 WLVE 93.9 FL Miami Beach, j$ 1040
2000 WWFR 91.7 FL Okeechobee, g$ 930
2001 WPOW 96.5 FL Miami, ad, $ 1040
27 Es
1401 KGNZ 88.1 TX Abilene, g$ 961
1451 KBTS 93.3 TX Killeen-Austin, r$ 933
1458 KMCT 91.3 TX Killeen-Cop. Cove 933
1500 KVNE 89.5 TX Tyler, g$ 773
1504 KTXK 91.5 TX Texarkana, PSA $ 690
1506 KLTY 94.1 TX Fort Worth, ad $ 839
1510 KFAN 101.1 TX Fredericksburg, $ 1020
1511 WRR 101.1 TX Dallas, c$ 814
1516 KQXT 101.9 TX San Antonio, r$ 1050
1523 KMGC 102.9 TX Dallas, r$ 814
1524 KRWA 103.1 AR Waldron, ad for 594
Farmers Bank of Greenwood, Hartford,
Hackett, and Bonanza, AR - TV 40/29 promo
1527 KSTA 107.1 TX Coleman, k$ 966
1535 KHYI 94.9 TX Arlington, ad $ 830
1538 KYNZ 106.7 OK Lone Grove, ad $ 774
1539 KHKC 103.1 OK Atoka, ads, mono 710
1540 KSJT 107.5 TX San Angelo, 1$, SS 1025
(JC Penny ad in Sunset Mall - San Angelo)
1544 KORQ 100.7 TX Abilene, r$ 961
1553 KLAK 97.5 OK Durant, ad$ 745

27 Es (cont'd)
1605 KOOI 106.5 TX Jacksonville, wx $ 792
1730 KQAA 94.9 SD Aberdeen, r$ 757
1735 KSDN 94.1 SD Aberdeen, r$, ads 757
1736 KYYY 92.9 ND Bismarck, ads $ 897
1801 KCCM 91.1 MN Moorhead, c$ 732
2315 KPQX 92.5 MT Havre, k$ 1300
2324 KYYA 93.3 MT Billings, r$ 1222
2328 KRKY 94.1 MT Billings, r$ 1222
2345 KIDX 98.5 MT Billings, r$ 1222
2357 KGPR 89.9 MT Gt. Falls, j mono 1340
2359 KROE 94.9 WY Sheridan, r$ 1132
28 Es
0005 KZMQ 100.3 WI Greybull, k$ 1202
0017 KBOZ 93.7 MT Bozeman, k$ 1322
0028 KYBS 97.5 MT Livingston, k$ 1302
29 Es
1050 KEZB 93.9 TX El Paso, r$ 1315
1059 KMGN 93.9 AZ Flagstaff, r$ 1476
(My most distant Es ever)
1100 KQNM 93.7 NM Gallup, r$ 1325
1101 KENW 89.5 NM Portales, b$ 1071
1113 KRFM 96.5 AZ Show Low, r$ 1426
1134 KGLX 99.1 NM Gallup, k$ 1325
1136 KNLA 101.1 NM White Rock, o$, 1190
ex-KKBZ
1137 KBOM 106.7 NM Los Alamos, o$ 1190
"K-Bomb"
1201 KWYK 94.9 NM Aztec, r$ 1250
1900 KBIM 94.9 NM Roswell, ads $ 1170
1903 KCLI 95.3 OK Clinton, wx, $ 818
2019 WACO 99.9 TX Waco, TV-10 promo 870
2022 KSJT 107.5 TX San Angelo, SS 1025
(ad for Riverfront - calls in SS $)
2027 WXXL 106.7 FL Leesburg-Orlando 810
(WXXL and "XL-106.7" found on tape)
2028 KELI 98.7 TX San Angelo, mj$ 1025
2030 KNFI 98.1 TX Austin, r$ 978
2044 KWVS 97.5 TX Kingsville, mj$ 1118
ex-KPUP 97.7
2050 KMXR 93.9 TX Corpus Chr., r$ 1098
2057 KQXT 101.9 TX San Antonio, r$ 1050
2100 KPVU 91.3 TX Prairie View, $ 920
2101 KRTU 91.7 TX San Antonio, c$ 1050
2102 XHNOE 91.3 TA Nuevo Laredo, $ 1195
2104 XHXL 91.7 NL Monterrey, SS $ 1325
30 Es
2039 KMXR 93.9 TX Corpus Chr., r$ 1098
2052 KPLV 93.3 TX Port Lavaca, r$ 1020
2055 KLTG 96.5 TX Corpus Chr., b$ 1098
2104 KQUE 102.9 TX Houston, m$ 915
31 Es
0917 KHOY 88.1 TX Laredo, b$ 1192
0922 KRRG 98.1 TX Laredo, r$ 1192
"Energy-98"
0942 KJBZ 92.7 TX Laredo, l$, SS 1192
1000 KBNL 89.9 TX Laredo, SS $ 1192
1000 XHSAB 89.5 NL Sabinas Hidalgo 1280
1001 XET 94.1 NL Monterrey, SS $ 1325
1850 KAAQ 105.9 NE Alliance, k$, ads 918
1856 KKAZ 100.7 WY Cheyenne, r$ 1020
1858 KCMI 96.9 NE Terrytown, b$ 970
1900 KTNE 91.1 NE Alliance, c$ 918
1911 KPNY 102.1 NE Alliance, r$ 918
1920 KTRS 95.5 WY Casper, r$ 1095
(o/WFMS 95.5 IN Indy)

- Continued -

31 Es (May)

1922 KQQK 106.5 TX Galveston, SS $ 915
1926 KVOL 105.9 LA Opelousas, rp$ 766
1930 KTJM 102.7 TX San Antonio, r$ 1050
1936 KQZY 105.3 TX Dallas, r$ 814
1939 KMMX 106.7 TX Terrill Hills, r$ 1045
1941 KPLT 107.7 TX Paris, k$ 719
1947 KPEZ 102.3 TX Austin, rp$ 978
1948 KMCO 101.3 OK McCallister, k$ 674
(o/WFMG 101.3 IN Richmond)
1951 KORQ 100.7 TX Abilene, ads $ 961
1953 KAJA 97.3 TX San Antonio, k$ 1050
1957 KTXK 91.5 TX Texarkana, PSA$ 690
1958 KEOM 88.3 TX Mesquite, PSA$ 808
2001 KDAQ 89.9 LA Shreveport, $ 706
2004 KTXN 98.7 TX Victoria, b$ 1027
2009 KKAR 98.1 TX Anson-Abilene, r$ 961
2013 KZEP 104.5 TX San Antonio, r$ 1050
(o/WAJC 104.5 IN Indy)
2016 KWZD 103.7 TX Hamlin, k$ 966
2017 KGEE 99.9 TX Monahans, ad $ 1127
2030 KCRS 103.3 TX Midland, wx, $ 1090
(o/WMJC 103.3 IN Indy)
2031 KQTZ 105.9 OK Hobart, rp$ 831
2033 KXXK 105.5 OK Chickasha, ads $ 775
2034 KACT 105.5 TX Andrews 1110
2036 KMGP 102.1 TX Monahans, r$ 1120
2042 KTEZ 101.1 TX Lubbock, mr$ 1017
2047 KMOD 97.5 OK Tulsa, r$ 638
2048 KECO 96.5 OK Elk City, wx, $ 830
2050 KATT 100.5 OK OK City, "The Cat" 738
(o/WWKI 100.5 IN Kokomo!)
2056 KZOR 94.1 NM Hobbs, r$ 1140
2058 KOSU 91.7 OK Stillwater, wx $ 694
2100 KENT 90.5 TX Odessa, g$ 1110
2100 KUT 90.5 TX Austin 978
2100 KOGV 91.3 TX Odessa 1110
2104 KOKF 90.9 OK Edmond-OKC, r$ 730
2105 KIIK 93.7 TX Lubbock, k$ 1017
2110 KNYD 90.5 OK Broken Arrow, g$ 634
2116 KRAZ 96.9 NM Farmington, k$ 1260
2121 KKJQ 97.3 KS Garden City, ads $ 845
2121 KKSS 97.3 NM Sante Fe, r$ 1185
2123 KSLS 101.5 KS Liberal, ad$ 866
2124 KKCS 101.9 CO CO Springs, k$ 1040
2126 KVGB 104.3 KS Great Bend, ads $ 726

June 1990

1 Es

0924 KGNZ 88.1 TX Abilene, g$ 961
0931 KENT 90.5 TX Odessa, g$ 1110
0938 KSJT 107.5 TX San Angelo, SS $ 1025
0943 KKLI 98.7 TX San Angelo, mj$ 1025
0950 KCMX 106.7 TX Midland, r$, ads 1090
0952 KKXS 106.3 TX Abilene, k$, 961
(PSA mentions ACU campus), "Kix-106"
0954 KWKQ 107.1 TX Graham, k$ 885
0955 KFQX 102.7 TX Merkel, r$, "Fox" 981
0957 KIXS 105.5 TX Harker Heights 933
0959 KEAN 105.1 TX Abilene, k$ 961
1005 KOXE 101.5 TX Brownwood, k$ 966
1007 KEXT 98.5 TX Rockdale, k$ 928
1013 KNCN 101.3 TX Sinton, p$ "C-101" 941
(Ad for CC Battery Co. of Corpus Christi)
(o/WFMG 101.3 IN Richmond)
1014 KOOI 106.5 TX Jacksonville, wx 792
1023 KTDR 96.3 TX Del Rio, r$ 1110
1025 KEFI 98.1 TX Austin, r$ 978
1028 KOYE 94.9 TX Laredo, r$ 1192
1031 KSCS 96.3 TX Fort Worth, k$ 839
1032 KEAS 97.7 TX Eastland, k$, ads 931

1 Es (June)

1034 KNKC 107.3 TX Post, k mono 1007
1036 KQQK 106.5 TX Galveston, SS 915
1041 KLSC 104.7 TX Lamesa, r$ 1010
1043 KTEZ 101.1 TX Lubbock, mr$ 1017
1045 KFMX 94.5 TX Lubbock, r$ 1017
1046 KJAK 92.7 TX Slaton, g$ 1017
1050 KCLV 99.1 NM Clovis, k mono 1059
1053 KTZA 92.9 NM Artesia, r$ 1185
1057 KWMW 105.1 NM Maljamar, k$ 1170
1105 KSEL 95.3 NM Portales, r$ 1071
1243 KLSF 96.9 TX Amarillo, ad $ 965
1254 KHFM 96.3 NM Albuquerque, c$ 1216
1300 KJLQ 91.5 NM Albuquerque, g$ 1216
1624 KILO 93.9 CO CO Springs, r$ 1040
1956 WWLV 93.9 FL Miami Beach, j$ 1040
2352 KMXR 93.9 TX Corpus Chr., r$ 1098

2 Es

1020 KIEZ 96.3 LA Brusly, b$ 751
1033 KLOL 101.1 TX Houston, r$ 915
1037 KQKI 95.3 LA Bayou Vista, k$ 795
1040 KDBE 97.7 LA Natchitoches, ad $ 723
1042 KLTR 93.7 TX Houston, mr$ 915
1049 KWVS 97.5 TX Kingsville, mj$ 1118
1051 KLSU 91.1 LA Baton Rogue, r$ 751
1053 KOYE 94.9 TX Laredo, r$ 1192
1100 KBNJ 91.9 TX Corpus Chr., g$ 1098
1101 KRTU 91.7 TX San Antonio, c$ 1050
1102 KSBJ 89.3 TX Humble, g$ ex-88.1 898
1115 KLDE 94.5 TX Houston, ad $ 915
1119 KMTE 98.7 NM Maljamar, c$ 1170
1122 KWMW 105.1 NM Maljamar, k$ 1170
1125 KWYK 94.9 NM Aztec, r$ 1250
1125 KMXR 93.9 TX Corpus Chr., r$ 1098
1129 KSCS 96.3 TX Fort Worth, k$ 839
1130 KIXV 95.3 TX Brady 980
1133 KNTU 88.1 TX Denton, c$ 809
1135 KSPZ 92.9 CO CO Springs, r$ 1040
1141 KKXK 94.1 CO Montrose, ad $ 1200
1148 KRAI 93.7 CO Craig, r$ 1150
1202 KSEC 93.3 CO Lamar, mr$ 960
1214 KMOR 92.9 NE Scottsbluff, mr$ 968
1223 KKMK 93.9 SD Rapid City, r$ 953

4 MS

0222 KRVS 88.7 LA Lafayette, 782
Previous Es on ex-88.1
(WICR 88.7 IN Indy, off air M am)

5 tr

0950 WKZL 107.5 NC Winston-Salem, r$ 396
1110 WGSQ 94.7 TN Cookeville, k$ 290
(o/WFBQ 94.7 IN Indy)
1825 WVRY 105.1 TN Waverly, o$, ads 310
1830 WENN 107.7 AL Birmingham, s$ 467
1843 WAHR 99.1 AL Huntsville, m$ 382
1850 WWKZ 103.5 MS New Albany, r$ 441
1909 WZYP 104.3 AL Athens, r$ 381
1919 WZLQ 98.5 MS Tupelo, r$ 448
1935 WWMS 97.5 MS Oxford, k$ 462
(o/WAMZ 97.5 KY Louisville)
2000 WWZD 106.7 MS New Albany, k$ 441
2022 WHRZ 97.7 KY Providence, k$ 245
2112 WFTA 101.9 MS Fulton, r$ 447
2130 WECO 101.3 TN Wartburg, k$ 300
(o/WFMG 101.3 IN Richmond)

6 tr

0134 WKWX 93.5 TN Savannah, r$ 375
(WWWO 93.5 IN Hartford City, off)
0242 WIST 94.3 TN Lobelville, k$ 320
0406 WAXM 93.5 VA Big Stone Gap, k$ 285
(New stations are underscored)

- Continued -

6 Es (June)
0855 KILO 93.9 CO CO Springs, r$ 1040
0904 KSEC 93.3 CO Lamar, nx, $ 960
7 tr
0702 WRKU 95.1 PA Grove City, rp$ 290
(o/WAJI 95.1 IN Fort Wayne)
8 tr
2259 WKBM 100.7 IL Coal City, m$ 165
9 tr
1042 WGEL 101.7 IL Greenville, ad 240
(WEWZ 101.7 IN Elwood, off air)
11 tr
2020 WTSH 107.1 GA Rockmart, 50 kw 420
12 tr
2100 WMTR 96.1 OH Archbold, ex-WHFD 125
(o/WQLK 96.1 IN Richmond) 95.9
14 Es
1520 KJYE 92.3 CO Grand Junction, b$ 1220
(o/WTTS 92.3 IN Bloomington-Indy)
1534 KCMI 96.9 NE Terrytown, c$ 970
1536 KKMX 95.9 CO Hayden, r$ 1140
1539 KSID 98.7 NE Sidney, ads $ 928
1540 KQSW 96.5 WY Rock Springs, k$ 1255
1546 KRAI 93.7 CO Craig, r$ 1150
1550 KNEB 94.1 NE Scottsbluff, k$ 968
1611 KCWC 88.1 WY Riverton, r$ 1195
1625 KTAK 93.9 WY Riverton, r$ 1195
1641 KTRZ 93.1 WY Riverton, m$ 1195
(o/WKLR 93.1 IN Indy)
16 tr
1433 WKMK 99.1 KY Edmonton, k, ads 225
(o/WHKO 99.1 OH Dayton)
19 MS
0143 WCIE 91.1 FL Lakeland 861
20 Es
1012 KGNZ 88.1 TX Amarillo, g$ 965
25 Es
1745 KMXR 93.9 TX Corpus Chr., r$ 1098
1900 KEZB 93.9 TX El Paso, r$ 1315
1912 KTDR 96.3 TX Del Rio, SS $ 1110
1957 KILO 93.9 CO CO Springs, r$ 1040
1959 KMOI 88.1 TX Laredo, b$ 1192
1959 KBNL 89.9 TX Laredo, SS $ 1192
2015 KTSC 89.5 CO Pueblo, r$ 1037
2033 KEPC 90.5 CO CO Springs, r$ 1040
2042 KRCC 91.5 CO CO Springs, p$ 1040
2044 KKFM 96.5 CO CO Springs, r$ 1040
2050 KRYT 107.9 CO Pueblo, r$ 1037
2054 KKCS 101.9 CO CO Springs, k$ 1040
2100 KWIK 94.9 NM Aztec, r$ 1250
2105 KRAZ 96.9 NM Farmington, k$ 1260
2109 KTRA 102.1 NM Farmington, g$ 1260
2115 KCEM 104.5 NM Bloomfield, k$ 1252
(o/WAJC 104.5 IN Indy)
2121 KGRQ 107.1 CO Pueblo, r$ 1037
27 Es
0800 KACV 89.9 TX Amarillo, 965
(Heard on Honda car radio)
0855 KCBI 90.9 TX Dallas, g$ (MR-78) 814
0858 KACU 89.7 TX Abilene, g$ 961
0930 K201BM (TX Wheeler KPDR 90.5 ID)
88.1 TX Canadian, g$ 850
0931 KGAM 90.7 KS Wichita, g$ 665
0940 KMUW 89.1 KS Wichita, wx/nx mono 665
(o/WBNI 89.1 IN Fort Wayne)
0949 KEDT 90.3 TX Corpus Chr., c$ 1098
0953 KKBQ 92.9 TX Pasadena, ex-92.5 913
0954 KLTR 93.7 TX Houston, mr$ 915
0956 KZNA 90.5 KS Hill City, nx $ 770
0957 KLUX 89.5 TX Robstown, g$ 1108

27 Es (June)
0959 KRCC 91.5 CO CO Springs, NPR$ 1040
1000 KTLF 89.7 CO CO Springs, g$ 1040
1002 KWBI 91.1 CO Morrison-Denver,$ 1040
1010 KSEC 93.3 CO Lamar, wx $ 960
1014 KOSI 101.1 CO Denver, mr$ 1040
1020 KCNT 88.1 NE Hastings, r mono 684
1024 KSQY 96.1 CO Greeley, r$ 1055
1025 KEOM 88.3 TX Mesquite, r$ 808
1030 KOXE 101.5 TX Brownwood, k$ 966
1032 KAAQ 105.9 NE Alliance, k$ 918
1039 KTRS 95.5 WY Casper, r$ 1095
(o/WTMS 95.5 IN Indy)
1041 KWYK 94.9 NM Aztec, r$ 1250
1056 KMGW 94.5 WY Casper, r$ 1095
1057 KLZY 92.5 WY Powell, r$ 1240
1124 KTXT 88.1 TX Lubbock, r$ 1017
1127 KSLF 96.9 TX Amarillo, r$ 965
1129 KCEV 88.3 KS Wichita, g$ 665
1145 KQSW 96.5 WY Rock Springs, ad$ 1255
1152 KKMK 93.9 SD Rapid City, r$ 953
1153 KTAK 93.9 WY Riverton, r$ 1195
1159 KUNC 91.5 CO Greeley, j$ 1055
1204 KTRZ 93.1 WY Riverton, nx $ 1195
(o/WKLR 93.1 IN Indy)
1221 KMCM 92.5 MT Miles City, r$ 1100
1243 KEYA 88.5 ND Belcourt, PSA $ 950
28 Es
1644 KSNM 98.7 NM Truth or Con., $ 1300
1647 KHEY 96.3 TX El Paso, k$ 1315
1651 KEZB 93.9 TX El Paso, r$ 1315
1700 KOFX 92.3 TX El Paso, r$ 1315
(o/WTTS 92.3 IN Bloomington-Indy)
1702 KAMZ 93.1 TX El Paso, "Z-93" 1315
(o/WKLR 93.1 IN Indy)
1710 KPRR 102.1 TX El Paso, r$ 1315
1711 KTEZ 101.1 TX Lubbock, r$ 1017
1712 KIOL 100.3 TX Lamesa, o$ 1010
1715 KKKK 99.1 TX Odessa, g$ 1110
1721 KTLT 106.3 TX Wichita Falls, r$ 843
1724 KAUM 106.3 TX Colorado City, wx 1010
1737 KFST 94.3 TX Ft. Stockton, ad$ 1185
1743 KWMW 105.1 NM Maljamar, k$ 1170
1745 KMXS 106.3 TX Abilene, k$ 961
1800 KNFM 92.3 TX Midland, k$ 1090
(o/WTTS 92.3 IN Bloomington-Indy)
1800 KBLP 105.1 OK Lindsay, k$ 760
1802 KACT 105.5 TX Andrews, ad$ 1110
1807 KZOR 94.1 NM Hobbs, ad$ 1140
1815 KALP 92.7 TX Alpine, k$ 1250
1816 KGNZ 88.1 TX Abilene, g$ 961
1825 KFQX 102.7 TX Merkel, r$ 981
1829 KENO 106.5 NM Roswell, k$ 1170
1859 KANW 89.1 NM Albuquerque, s$ 1216
1905 KNFM 96.3 NM Albuquerque, c$ 1216
1910 KSEL 95.3 NM Portales, r$ 1071
2015 WJIS 88.1 FL Bradenton, g$ 892
2021 WAYJ 88.7 FL Fort Myers, g$ 959

July 1990
1 tr
1546 WBQR 95.7 IN Attica, j$ 70
(o/WCLR 95.7 OH Piqua-Troy)
3 tr
0030 WEJT 104.9 IL Shelbyville, ad$ 160
(WOKZ 104.9 IN Muncie, off air)
0059 WLJN 89.9 MI Traverse City, g$ 316
0420 WIMI 99.7 MI Ironwood, r$ 510
(o/WSHW 99.7 IN Frankfort)
0527 WRUP 103.3 MI Marquette, r$ 470
(o/WMJC 103.3 IN Indy)

- Continued -

3 tr (July)
0600 WXPR 91.7 WI Rhinelander, nx$ 430
0607 WNWL 95.7 MI Marquette, nx$ 470
4 tr
0230 WYFG 91.1 SC Gaffney, g$, 410
Previous MS
0302 WREK 91.1 GA Atlanta, p$ 447
0417 WRVL 88.3 VA Lynchburg, g$ 375
6 tr
0458 KZKX 96.9 NE Seward-Lincoln, k$ 617
0952 KXCV 90.5 MO Maryville, j$ 500
7 Es
1114 KBNL 89.9 TX Laredo, g$ 1192
1430 KMXR 93.9 TX Corpus Chr., r$ 1098
1453 KAJA 97.3 TX San Antonio, k$ 1050
1527 KGNZ 88.1 TX Abilene, g$ 961
8 Es
1330 WEAT 104.3 FL W. Palm Beach, b$ 979
1337 WKQL 96.9 FL Jax, r$, ex-WAIV 712
1338 WQCS 88.9 FL Fort Pierce, e$ 926
1415 WUWF 88.1 FL Pensacola, e$ 682
1546 WSEB 91.3 FL Englewood, g$ 930
2008 KRAI 93.7 CO Craig, r$ 1150
2013 KSID 98.7 NE Sidney, r$ 928
2014 KOSI 101.1 CO Denver, mr$ 1040
2031 KIMX 105.5 WY Laramie, ad $ 1060
2048 KSIT 104.5 WY Rock Springs, r$ 1255
(o/WAJC 104.5 IN Indy)
2058 KLEN 106.3 WY Cheyenne, b$ 1020
2103 KKAZ 100.7 WI Cheyenne, r$ 1020
11 Es
1725 KRST 92.3 NM Albuquerque, k$ 1216
2056 KCSU 90.5 CO Fort Collins, j$ 1070
2058 KTCL 93.3 CO Fort Collins, r$ 1070
2100 KUWR 91.9 WY Laramie, j$ 1060

11 Es (July)
2228 KILO 93.9 CO CO Springs, r$ 1040
2230 KEPC 90.5 CO CO Springs, r$ 1040
19 Es
1045 WMCU 89.7 FL Miami, g$ 1040
1112 KMXR 93.9 TX Corpus Chr., r$ 1098
1122 KNGV 92.7 TX Kingsville, k$ 1118
1143 KOYE 94.9 TX Laredo, r$ 1192
1144 KRXT 98.5 TX Rockdale, k$ 928
1146 KLUX 89.5 TX Robstown, g$ 1108
1157 KQXT 101.9 TX San Antonio, mr$ 1050
1158 KSTX 89.1 TX San Antonio, $ 1050
1202 KFAN 101.1 TX Fredericksburg,$ 1020
1210 KKMR 98.1 TX Anson, r$ 961
1219 KRMD 102.3 OK Duncan, ads $ 780
1224 KCHX 106.7 TX Midland, ad $ 1090
1227 KLTE 101.9 OK OKC, r$, (DJ 738
mentioned Cynthia Lockwood of Edmond OK)
1230 KOCC 88.9 OK OKC, j$ 738
1243 KTQM 99.9 NM Clovis, r$ 1059
1245 KEYE 95.9 TX Perryton, r$, nx, 870
("FM-96" serving the TX & OK Panhandles)
1259 KLYT 88.3 NM Albuquerque, g$ 1216
1300 KSLV 95.3 CO Monte Vista, k$ 1150
1313 KASE 100.7 TX Austin, k$ 978
1329 KETR 88.9 TX Commerce, r$ 748
1340 KEOM 88.3 TX Mesquite, r$ 808
1401 KNTU 88.1 TX Denton, j$ 809
1446 KGNZ 88.1 TX Abilene, g$ 961
1512 KMOC 89.5 TX Wichita Falls, g$ 843
1537 KNIN 92.9 TX Wichita Falls, r$ 843
(o/WGTZ 92.9 OH Eaton-Dayton)
28 tr
0921 WNRJ 105.7 OH Marysville, r$, 125
(o/WTLC 105.7 IN Indy) "Power-105.7"

Meteor Scatter Results:

5/ 7 WAIJ "...Before long, Southwest Florida area school children will hear their last bell ring for the year. Seniors will proudly walk their ceremonial round to receive their long awaited diplomas. Remember your graduation night? The thrill when your name was called, and the feeling that you finally learned it all? Now as the years go by, it's funny to think about how much you've thought....learning about life...for contemporary Christian music. If you appreciate 'Way-FM,' write this week, and remember we're listener supported radio..." (60 second burst)

5/12 WKGR "...concert, and we here at KGR radio..."
5/13 WGYL "...let's hear from you. Send your entry to the anniversary...WGYL..."
5/16 WMZQ "...ZQ..."
5/20 KKCS "...Colorado Springs..."
5/20 KKCS "...and the Springs... home at clear skies..."
KQXT "...address and phone number to KQ-102..."
5/22 KILT "...KILT..."
6/ 4 KRVS "...on KRVS 88.7 FM..."

6/19 WCIE "...WCIE will be broadcasting live...and the crew. There'll be a few others dropping by. There'll be free hot dogs and pepsi and a great time. So for the free concert and celebration of the grand opening of the Fire Escape Youth Center, come to 5303 S. Florida Ave. in the Lakeland South Center, Saturday June 23rd at 7:30 until 10:30 p.m., and WCIE will be there looking for you..." (40 sec)

The E-skip season began with a big bang, but seems to have fizzled out in late July. Today is July 29th and there has been no skip since the 19th. To be able to log distant stations through semi-locals is a treat. I was able to log stations through strong semi-locals in Richmond, IN (40 miles), Kokomo, IN (44 miles), Indianapolis, IN (50 miles), Fort Wayne, IN (62 miles), Piqua, OH (59 miles), and Dayton, OH (67 miles). As far as I could tell, I didn't miss any Es openings this summer. You can see from my report that all Es here was to the NW, W, SW, S, or SE. There has been no skip to the New England or French Canada areas as yet this summer. Those areas have been rare in previous years also. The few days of tropo have brought me some new stations, but tropo conditions this summer have been very mediocre. Danny Buntin's remarks regarding the 1980 tropo was certainly true! Those who were not DXing in 1980 missed something that I doubt we will ever see again! Let's hope the August meteor showers will produce some good DX! 73- Ralph

RICHARD K. SHAFTAN - 39 OLD MIDDLETOWN ROAD - ROCKAWAY TWP, NJ 07866

Equipment same as last time (201) 586-3563

MAY 1990 DX

24 TrS/GW (in car)

1415 WJBR 99.5 DE Wilmington, WBAI off I-80, exit 39, Denville, NJ
1645 107.7 WSNJ/WGNA mix (at QTH)
1945 WNCE 101.3 PA Harrisburg, u/WKCI with lame

27 Es

0929 WCTQ 92.1 FL Venice, ID
0910 WSEB † 91.3 FL Englewood, religion
0911 unID 91.7 with Latin music
0915 WJIS 88.1 FL Bradenton, Joy FM in again on car radio at 1432
2254 unID 88.5 with Latin
2258 KUMR 88.5 MO Rolla, ID, with University of Missouri program
2347 KNYD 90.5 OK Broken Arrow, ID w/Bill N.
2348 WQUE 93.3 LA New Orleans, Q-93 ID
2349 WQID 93.7 MS Biloxi, disco
2353 KBEZ 92.9 OK Tulsa, ID // Bill N
2354 WMXZ 95.7 LA New Orleans, Mix 95.7
2358 WYLD 98.5 LA New Orleans, soul music

28 Es

0007 WKMC 101.7 MS Collins c/w,Take an Ozark Vacation
0010 WLTS † 105.3 LA Slidell, lame, blowing out Phila and local on 105.5
0012 KMDL 97.3 LA Kaplan, c/w, ID
0017 KHQM 104.1 LA Houma, soul, ID
0021 KROF 104.9 LA Abbeville, ID as KROF AM and FM
0024 WAKH 105.7 MS McComb, ID with Bill N
0026 WJMI 99.7 MS Jackson, Power 99
0031 WYNK 101.5 LA Baton Rouge, ID
0033 unID 102.1 k, is Basile, LA on the air yet?
0034 KBIU 103.7 LA Lake Charles, Bayou 104
0059 KNTU 88.1 TX Denton, ID with Bill N
0108 KTUX 98.9 TX Carthage, Tux 99

28 Tr

2212 WKPE 104.7 MA Orleans, Cape 104
2230 WAAF 107.3 MA Worcester , ID
2244 WHCN 105.9 CT Hartford, thru local WNWK
2256 WESR 103.3 VA Onley, ID, rare
2306 WOCB 94.9 MA Yarmouth, Talknet, NBC news
2316 WFCR 88.5 MA Amherst, classical, ID
2321 WSRS 96.1 MA Worcester, ID
2328 WPLR 99.1 CT New haven, on top of local WAWZ
2354 WODS 103.3 MA Boston, Oldies 103

29 Tr

0014 WKHI 99.9 MD Ocean City, Power 99.9
0110 WVBF 105.7 MA Framingham, weak thru WQSR
0118 WIBF 103.9 PA Jenkintown, religion o/WFAS
0150 WROR 98.5 MA Boston, ad for service for Boston Singles
0158 WGTY 107.7 PA Gettysburg, Country 108
0207 WZXL 100.7 NJ Wildwood, ID
0225 WCGY 93.7 MA Lawrence, ID
0240 WOKQ † 97.5 NH Dover, c/w thru WPST/WALK
0305 WYCL 107.5 PA Boyertown, thru local WBLS
0324 WZOU 94.5 MA Boston, ID w/rock over Trenton
0332 WBOS 92.9 MA Brookline, ID
0339 unID 95.9 , ID as Lite 96 FM
0401 unID 88.9 ABC news, maybe WJMJ relog
0408 WJIB 96.9 MA Boston, muzak, ID o/WFPG
0421 WXLO 104.5 MA Fitchburg, ID after Willie Nelson
0426 unID 92.5 lame behind WWYZ/WXTU

JUNE 1990

1 TrS

1210 WXPN 88.9 PA Philadelphia, one of my nearest unheards

2 Es 1450-1457 2 unIDs on 88.5

JUNE 1990 DX

4 Tr

0030 WXTR 104.1 MD LaPlata, Extra 104
0127 WYCR 98.5 PA York, 98.5 YCR
0128 WGCB 96.1 PA Red Lion, religion, rare
0131 WARM 103.3 PA York, Warm 103
0134 WHKS 94.9 PA Harrisburg, New Cool 94.9, also IDed as 94.9 FM
0145 WBJC 91.5 MD Baltimore, local strength
0159 WBSB 104.3 MD Baltimore, B 104 through WNCN
0203 WJBR 99.5 DE Wilmington, thru local WBAI
0210 unID 107.3 religion (DuBois?-gc)
0211 UNID 105.9 Grateful Dead Hartford? Washington?
0213 WXCY 103.7 MD Havre de Grace, Extra 103,no WNNJ
0219 WHUR 96.3 DC Washington, local strength
0227 unID 91.3 request line 451-2701
0229 unID 88.1 discussion on hearing impaired
0247 WSVS 104.7 VA Crewe, C/W clear in stereo, "Southside's best country, one of my farthest trops"
0304 WIBF 103.9 PA Jenkintown, domineering, playing James Brown instead of religon.
0320 WGTS 91.9 MD Tacoma Park, solid
0335 WKRB 90.9 NY Brooklyn, sign off
0339 WRIU 90.3 RI Kingston ID, heavy metal, with request line 401-272-8866
0341 WWUH 91.3 CT Hartford, ID
0345 WNTX 96.3 MA Nantucket, Oldies 96

8 Tr

2242 WRQX 107.3 DC Washington, domineering w/Q107
2245 WFMV 106.3 NJ Blairstown, close but usually waek now IDs as classic hits 106

13 TrS

1808 WMRV 105.7 NY Endicott, ID w/WQSR/WQXA.Finally

14 TrS

0753 unID 104.1 lame Harrisburg? (or Waterbury-gc)

15 Tr

1023 WRSF 105.7 NC Columbia, Surf 106, local quality
1024 WMYK 93.7 NC Elizabeth City, disco, ID
1031 WFOG 92.9 VA Suffolk, ID
1032 WJQI 94.9 VA Norfolk, New Joy 95
1046 WNOR 98.7 VA Norfolk, thru local WRKS
1048 WYFI 99.7 VA Norfolk religiom
1049 WCMS 100.5 VA Norfolk, ID
1054 WZCL 105.3 VA Norfolk, Cool 105.3, oldies
1058 WKSV 96.1 VA Cape Charles, Soul, ID- WKSV Cape Charles, Virginia Beach, Hampton.
1103 WWDE 101.3 VA Hampton, 2WD, lame
1107 WLTY 95.7 VA Norfolk, ID
1107 WNVZ 104.5 VA Norfolk, Z-104
1120 WGH 97.3 VA Newport News, ID
1123 WAFL 97.7 DE Milford, lame "Waffle" (They were a mix of a/c and top 40 rock when I was in Ocean City-gc)
1322 unID 104.1 muzak

17 TrS in car coming back from Paul Mount's

0000 WSRS 96.1 MA Worcester (near Aberdeen,NJ)
0050 WXYV 102.7 MD Baltimore, thru WNEW FM (Bedminster, NJ, on I-287, behind "The Hills" development)
0130 WGBH 89.7 MA Boston, local (Denville, NJ)
0244 WKSZ 100.3 PA Media,Thru WHTZ (at home)
0251 WHYY 90.9 DC Washington, classical, ID mixed with WKRB and WHYY off.
0319 WSRF 105.7 NC Columbia, Surf 106
0324 WHJY 94.1 RI Providence, Along Came Mary
0333 unID 96.7 disco, could be semi local WTSX, which is rare here.
0339 WAFL 97.7 DE Milford, soul music
0343 WYFI 99.7 VA Norfolk, religion
0346 WZBH 93.5 DE Georgetown, The Beach, Grteful Dead.

continued.....

RICHARD SHAFTAN'S REPORT - continued.

JUNE 17 Tropo
0422 WJQI 94.9 VA Norfolk, All New Joy 95
0447 WFOG 92.9 VA Suffolk, ID
0451 WSFL 106.5 NC New Bern, Solid Gold Sat Nite ID, mixed with WHLM, Power 106
2202 WWLI 105.1 RI Providence, lame under WNSR, ID
2322 WCAV 97.7 MA Brockton, c/w undert WCTY, ID
2330 WUMB 91.9 MA Boston, Spanish, ID // Bill N.
2332 WBOS 92.9 MA Brookline, solid, topping dial
2333 WMJX 106.7 MA Boston, Thru WLTW, Magic 106.7
2336 WCIB 101.9 MA Falmouth, thru WQCD, ID, nothing through WCBS-FM on 101.1 though.
2339 WJBR 99.5 DE Wilmington, way on top of WBAI

18 Tr
0010 WILI 98.3 CT Wilimantic, Manic Monday, ID, one of my nearest unheards.

19 Tr (freak opening to DC)
0900-0905 88.5,89.3,107.3 very strong, chs 20,26,32 local
0911 WKYS 93.9 DC Washington, soul under WNYC
0918 WGAY 99.5 DC Washington, muzak under WBAI
0920 WMZQ 98.7 DC Washington, C/W u/WRKS
0922 unID 97.1 lame under WQHT. Pr. WASH

23 Tr
0014 WNNN 101.7 NJ Canton, another one near that was not heard before.

26 Es: fast moving cloud, nothing in for more than 1 min.
1832 WXDJ 95.7 FL Homestead, latin, ID // Bill N. I guess there is a format change
1834 WAAC 92.9 GA Valdosta, C/W, ID // Bill N.
1900 WUWF 88.1 FL Pensacola, ID
1911 WEGS 91.7 FL Milton, religion
1921 unID 92.1 Coastal Waters Forecast
1927 WBLXt 92.9 AL Mobile, soul, on top at 2000
1932 WKPX 88.5 FL Sunrise, rockin Reggae show, ID
1945 unID 89.3 Spanish. Then ID at 1953 as "Urban Alternative--Biblical Challenge for Change"
1947 WHIL 91.3 AL Mobile, Monitor Radio, APR
2002 unID 89.3 program about Cuba
2003 WBHM 90.3 AL Birmingham, Operation Birmingham
2006 WZEW 92.1 AL Fairhope, Hard Rock, 92 Zoo
2011 unID 94.9 Jazz
2011 WKSJt 94.9 AL Mobile, Marshall Tucker, wx, hi of 91, low of 68
2011 WZTA 94.9 FL Miami Beach, Zeta 94
2016 WZLMt 97.3 AL Dadeville, ad for Hwy 280 Produce Only station on 97.3 near US 280
2016 WJYFt 95.3 GA Nashville, Atlanta Braves with Steve Avery pitching
2030 KLBJ 93.7 TX Austin, RR, ID, ads, farthest Es, I think
2044 KMTR 95.3 AR Murfreesboro, B-95, SW Arkansas
2046 KOOL 94.9 AR Pine Bluff, Cool 95, Oldies
2109 KZPS 92.5 TX Dallas
2109 unID 92.1 Country 92
2128 unID 98.3 Lite 98.3
2303 unID 92.1 classical
2310 KBEZ 92.9 OK Tulsa, ID

28 Es
0912 KUMR 88.5 MO Rolla, Bluegrass, ID
0936 KDHXt 88.1 MO St.Louis, ICI sps, Lambert Airport
0951 KCUR 89.3 MO Kansas City, ID
0952 KLJCt 88.5 MO Kansas City, religion
0954 KKFI 90.1 MO Kansas City, ID
0954 KLSIt 93.3 MO Kansas City, ads, ID Mix 93
0955 KCMO 94.9 MO Kansas City as for "Kansas City's own" Bellefonte Frozen Yogurt
0956 KMBR 99.7 MO Kansas City, ID as "99.7 FM", CDT Request line 576-7777 (Richard, I removed the tent. mark. I checked the phone book here at the library and that phone no. is in fact KMBR-gc)

JUNE 28 Es continued.
0956 KYYS 102.1 MO Kansas City, KC's K-102
0958 KUDL 98.1 KS Kansas City, ID
0959 KFKF 94.1 KS Kansas City, C/W under WYSP
1001 KRXL 94.5 MO Kirksville, as for Greensmith Hospital which is in Kirksville, ID sounded like 94 Now
1011 KTGL 92.9 NE Beatrice, The Eagle 92.9
1023 WOW 94.1 NE Omaha, ads, ID
1034 KKRL 93.7 IA Carroll, C/W, ID
1037 KJJY 92.5 IA Ankeny, , ID
1127 Es briefly back to 88.5
1654-1712 Es briefly back as high as 89.3 at least.

JULY 1 Es
1055 KBEZ 92.9 OK Tulsa, Muzak
1057 KKNG 92.5 OK Oklahoma City, Religion // Bill N
1101 KSPI 93.7 OK Stillwater, news, Classic 93.7

2 GW & Es
2148(WQQQ) 96.7 CT Stamford, All New Q 96.7, oldies
2305 KTGL 92.9 NE Beatrice, ID, Tom Petty

3 TrS & Es
0955 WGTS 91.9 MD Tacoma Park, wx and ID
1214-1217 unIDS 89.3 and 90.1
2328 unID 94.9 Good Time Oldies on Oldies 94.9

4 Tr
0554 WCRF 103.3 OH Cleveland, USA Radio News, weak to WPRB sign on, ID // Bill N who gets all this North and west stuff much better than I.
0654 WKXA 100.5 OH Findlay, Madonna, ID // Bill N
0714 WNNK 104.1 PA Harrisburg, Wink 104, ID
0730 WKBN 98.9 OH Youngstown, ID // Bill N
0740 WHWK 98.1 NY Binghamton, Hawk, ID
0810 WQIX 100.9 NY Horseheads, c/w mention Rte 14 in Milton, thought it was WOEZ, til I checked my tape and my atlas.
0820 WXBB 97.3 PA Harrisburg, strong
0850 WBOS 92.9 MA Brookline, Billy Joel, ID
0910 uniD 95.7 lame thru WFLN/WKSS
0930 WCTK 98.1 MA New Bedford, exceptionally strong WKPE, WSNE also in,
1007 WHKS 94.9 PA Harrisburg, Cool 94.9
1150 unID 92.1 religion

6 Es
0750 KLRA 96.5 AR England, ID
0755 WMC 99.7 TN Memphis, Very strong
0759 KAIQ 100.9 AR Arkadelphia, ARN news, IDded after call to station who told me Joe Feia had written.
0806 KZQU 98.5 AR Little Rock, Zoo 98, disco
0813 KSSN 95.7 AR Little Rock, Kiss 96, ID
0816 KOLL 94.9 AR Pine Bluff, Cool 95, ID
0819 KHLT 94.1 AR Little Rock, ID
0820 unID 97.3 COuntry 97
0825 unID 97.3, ment Hampton Twnship (WGH?-gc)
2015 KTGL 92.9 NE Beatrice, in 4 or 5 times this summer
2050 KCDW 92.1 MO Sedalia, ID // Bill N
2052 KZOC 92.9 KS Osage City, c/w, ID
2102 KVOO 98.5 OK Tulsa, ment local congressman election, representing S and E of Tulsa

6 TrS
2120 WKRB 90.9 NY Brooklyn, B-91 under WHYY

7 Es
1834 unID 95.3 Oldies mixed with religion which I belive to be WTLN, Apopka, Florida.
1841 WVFMt 94.1 FL Lakeland, Muzak
1852 WYUU 92.5 FL Safety Harbor, My Sweet Lord // Bill N

8 TrS
0115 WMRV 105.7 NY Endicott, Lite Rock 105.7, rare

continued on the next page

RICHARD SHAFTAN's report continued

JULY 8, 1990 Es
1413 WJMI 99.7 MS Jackson, soul, Power 99
1420 WZIX 100.1 MS Artesia, Z-100. Golden Triangle
1423 KQQK 106.5 TX Galveston, ID // Bill N.
1425 KBYO 104.9 LA Tallulah, c/w, ID
1429 WLTS 105.3 LA Slidell, Barry Manilow
1430 KMYQ 100.1 LA Bastrop, ID
1432 KUEZ 99.3 TX Lufkin, soul, ID
1437 WMXG† 100.5 MS Macon, religion
1440 WMC-FM 99.7 TN Memphis, FM 100
1441 KYKX 105.7 TX Longview, c/w, local ments
1445 KISX 107.3 TX Whitehouse, Sam Cooke, Kiss 107
1456 WKQL 96.9 FL Jacksonville, Bob Seger, ID
1459 KVTT 91.7 TX Dallas, ID
1502 WJXR 92.1 FL Maccleny, c/w ID
1503 KLTY 94.1 TX Fort Worth, religion
1513 KNIN 92.9 TX Wichita Falls, ID
1519 KZQU 98.5 AR Little Rock, disco, Zoo 98
1540 KTLS 93.3 OK Ada, Stereo 93
1547 unID 101.3 c/w, mention of Ackertown, nonID, "Country...."
1554 KBEZ 92.9 OK Tulsa, K-Mart ad
1554 KRAV 96.5 OK Tulsa, ID with KGTO
1559 KNYD 90.5 OK Broken Arrow, ID
1600 KSPI 93.7 OK Stillwater, ID
1606 KVOO 98.5 OK Tulsa, c/w
1607 uNID 99.3 baseball-weak
1609 KFDI 101.3 KS Wichita, local mentions
1613 KKRD 107.3 KS Wichita, AT40, thru WAAF
1615 KMAJ 107.7 KS Topeka, Steve Miller, local wx
1618 KWKL 106.5 KS Arkansas City, very strong
1620 KTPK 106.9 KS Topeka, Country 107, ID o/WKDN
1624 WMC 99.7 TN Memphis, still in after 2 hrs
1640 WYLD 98.5 LA New Orleans, FM98 mix w/KZOU
1646 KHLT 94.1 AR Little Rock, K-Lite
1649 WQUE 93.3 LA New Orleans, Q-93, c/w (Richard, you sure about the format; they're 'rs'-gc)
1654 WDJC 93.7 AL Birmingham, local ment Hwy 31
1656 unID rocker thru WCHR, ID sounded "KMA"?
1657 WXLT 94.1 MS MacComb, Sunny 94, ID
1700 WQXY 95.7 LA New Orleans, disco (calls are now WMXZ-gc)

JULY 8 Es cont.
1701 WBBN 95.9 MS Taylorsville, gatorade ad, ID
1719 unID 91.3 Atlanta Symphony Orchestra
1730 KBEZ 92.9 OK Tulsa, Musak
1741 KZBS 98.9 OK Oklahoma City, ID thru Philly
8 TrS
2121 WCTX 92.1 PA Palmyra, Neil Diamond, ID
8 Es again
2136 unID 92.5 call in show, "Magic....OY?"
2150 unID 94.5 USA Radio News covering Rodeo
2215 unID 93.3 Jazz
KTGL 92.9 Beatrice, NE in until 2250
8 TrS
2253 WETA 90.9 DC Washington, cl, ID thru WHYY
2320 WKLX 98.9 NY Rochester, ID
2337 WVOR 100.5 NY Rochester, ID
2346 WMJQ 102.5 NY Buffalo, Niagara Falls Flea Mkt.
9 TrS
0011 WLTJ 92.9 PA Pittsburgh, very lame, ID #500.
0159 unID 106.9 disco
11 GW/TrS
1843 WXCN?? 88.5 That's what ID sounded like. Is WXPN now on 88.5?
14 Es, in all day to ch 3, finally into FM
2334 WSCD 92.9 MN Duluth, classical
16 TrS
0000 WFCR, WAQY, WGNA all ID
0100 unID 106.5 Dr. Dimento
July 17 TrS
1651 WPYX 106.5 NY Albany, finally, Pix 106, ID
18 Es
1903 WMAA 91.3 MS Jackson, NPR nx, very strong
1905 WFFN 92.9 AL Cordova, Country 93 WFFN, ID
1908 WRJH† 97.7 MS Brandon, religion
1911 KSMB 94.5 LA Lafayette, disco o/WCHR, ID
1943 unID 92.9 Steve Miller o/WMGS, pr KTGL, hi.
27 Es
1712 unid SS - mention of San Jose, help!! (What was the frequency?gc)
28 GW/TrS
1157 WGBI 101.3 PA Scranton, v.strong over usually dominant WKCI

Locals are nulled easier through use of a Radio Shack variable attenuator. I have it hooked on the 300 ohm side of my Radio Shack FM amp input, with the aerial on the 75 ohm side. By tuning it, sometimes locals or dominant can be erased, with juicy DX underneath. Unfortunately, I think this item has been discontinued, but I bought mine at the Sanmar Electronics Radio Shack in Rockaway on Rt 46. Next DX purchase, another Winegard aerial to stack underneath my CS 6065. What a month. Thanx to Bill N for helping me ID those weak ones. Totals now 505/32+/3/2. stations, stated, provinces, countries. Texas is now my best Es state with 21. Louisiana is second with 20, Florida third with 18. 73

JOEL ROSENBURG, M.D - 19 GLENAYR RD - RICHMOND HILL, ONTARIO L4B

Equipment is Marante 125 tuner, Delhi 6 element FM yagi rotatable at 50 feet AG.

MAY 27, 1990 Es
1910 KILI 90.1 SD, 1940 opening gone
29 Es
2003 KETR 89.9 TX Commerce 1130
2007 unID 98.7 oldies (likely Dallas-gc)
2021 KCYY 100.3 TX San Antonio, Y-100 1440
2025 KZPS 92.5 TX Dallas 1200
2028 unID 93.3 TX B-93-FM (KBTS Killeen-gc)
2043 KFAN 101.1 TX Fredericksburg 1440
2059 UnID 88.3 Texas State Network
2101 KSTX 89.1 TX San Antonio 1440
2107 ? 90.1 TX Commerce 1130
JUNE 16 Tr
1134 WFRO 99.1 OH Fremont
1839 WLZW 98.7 NY Utica

JULY 6 Es, from car. DXing is not the safest thing to do at 60 MPH!!
0810 WWNO 89.9 LA New Orleans 1120
0813 WBSN 89.1 LA New Orleans 1120
0817 WCKW 92.3 LA LaPlace
0819 WMAH/V 90.3 NPR probably Biloxi
2106 WMPR 90.1 MS Jackson 985
GW
2128 ---- 99.1 Toronto **see note #1** 16
8 Tr
1006 WMXD 92.3 MI Detroit 210
1011 ? 97.1 MI Detroit The Breeze 210
20 GW
1509 CJLX 91.9 ON Toronto, **see note #2** 16
Joel's notes are on the following page....

JOEL ROSENBURG's comments.

Note #1: FM Simulcast on 99.1 (3 kw ERP) of Digital Radio Experiment with DOC authorization (July 5-15 incl.) on old CKO freq. , no calls assigned. Six hour sets of several TO stations, such as AM- CKEY, CFTR, FM-CBL, CHFI, CJCL, CHUM, CILQ, CFNY. Note #2: "Molstar Indy Network" simulcast of Molson Indy play by play - July 20-22 (incl) 10 watts from CN Tower, cleanly heard in car to 2.5 miles, but faded in for seconds occasionally out as far as 12 miles. At home-light fade on regular equipment-distance 16 miles. Adjacent channel interference from CKPC Brantford 50 kw at 60 miles. 73, Joel

BOB SEYBOLD - 10567 BENNETT RD. - DUNKIRK, NEW YORK

July 8- huge skip opening covering entire FM band, running several hours 1200-2200. As many as five on same frequenct in and out but were very steady . Started in Florida, also Cuba in, then covered every state along the Gulf, then up into Texas, Arkansas, Oklahoma, Kansas, Nebraska, Iowa, and the Dakotas finally. Some stations logged: WAGH 98.3 Fort Mitchell, Ala., WRBA 95.9 Springfield, Fla, WDEC 94.3 Georgia, KLAK 97.5 Durant, Okla, KNIN 92.9 Wichita Falls, Tex., KBAU 94.3 Galliano, La., New Orleans 97.1, 91.5, 101.1, 95.7, Eupora 101.7, Hot Springs 97.5, Little Rock 90.5, 94.1, 103.7, Baton Rouge 98.1, Jackson, Miss. 90.7, 96.3, 99.7; Dothan, Ala. 95.5, Dawson 92.1, Pensacola 89.3, North Platte 97.1, Lexington 93.1, Mitchell 102.3, Rapid City 93.9, Emporia 104.9, Wichita 91.1, 95.1, 107.3, Springfield, Mo. 98.7 McAlester 101.3, Oklahoma City 100.5, Tulsa 92.9, 95.5, Wichita Falls 99.9, Amarillo 93.1, 94.1, Shreveport 93.7, 100.1, Houston 91.7, 94.5, 100.3; Atlanta 88.5, 90.1, 94.9, Bainbridge, Ga. 97.3, Jacksonville 95.1, 96.1, Dublin, Ga. 92.7, Ft. Smith Ark. 93.7, 100.9, Troy, Ala 105.7 and many more unIDed. To me this was a big opening-TV was wild.

dBRUCE HALL c/o 141 KING GEORGE ROAD - BRANTFORD, ONTARIO N3R 5K7

Equipment: JVC, JR-S 201 Receiver (modified with 3 150 khz filters), Pioneer SX550 receiver (modified with 1 150 khz filter), Magnum Dynalab 205 Signal Sleuth, Stereo Probe 9 fed with RG6 at 50 ' AGL, CM rotor (Ed: Distances are in kilometres)

JUNE 1990 DX

20 GW/TrS

0715 WQRS 105.1 MI Detroit, c, march 255

21 TrS

0555 WQXK 105.1 OH Salem, k, K105, ID 253

0621 WKSG 102.7 MO Mt.Clemens, r, Motor City Morning, 3 for Thursday 230

0641 WLQR 101.5 OH Toledo, b, ID not taped 313

22 GW

0653 CFMX 103.1 ON Coubourg, c, j, ID 207

23 TrS

0619 CHEQ 101.1 ON Smiths Falls, fm, wx, QSL recd in 9 days w/ bumer sticker, pens key chains, etc from Brian Perkin (PD) 368

0621 WGMR 101.1 PA Tyrone, k, tc, GMR-FM 322

0647 WOMP 100.5 OH Bellaire, WOMP-FM 100 357

0700 WAAL 99.1 NY Binghamton, The Hot FM WAAL, American Top 40, ID 355

0734 unID 99.1 New K-99-FM, probe aimed SW (Bruce, I'd bet this was WHKO Dayton-gc)

0801 WFMK 99.1 MI Lansing, Lite Rock , ID 350

24 Tr Overcast, Cool

0630 CIGL 97.1 ON Belleville, FM97, b, ID Bruce Hornsby music 242

0800 WCIZ 97.5 NY Watertown, r, CIZ, best of old, best of new. Most wanted on a bet by car radio installer that reception wasnt possible due to locals 97.3, 97.7. Again, amazin' lil' filters! QSL recd one week from DJ Holly Helix 334

25 Tr/TrS Clear

0630 CBCE 97.5 ON Little Current, tm, CBC regional north weather, nx, wx, ID 331

1540 WDTR 90.9 MI Detroit, t, discussion host Pat Traynor, phone # 494-0964 255

1601 WMXD 92.3 MI Detrot, Detroit's Mix, ID 255

1859[WJMO] 92.3 OH Cleveland Hts, Jammin 92 Milli Vanilli mx, 3rd catch on 92.3 beside 92.1 50 kw CKPC local less than 2 km away! 91.9 still elusive though 225

2002 WGLE 90.7 OH Lima, c, FM91, Night Mx 426

2152 WITR 89.7 NY Henrita, Housemartins, ID 185

JUNE 26 GW/TrS

0558 WBNY 91.3 NY Buffalo State C, "This is Buffalos only alternative" Only WFBF 89.9 still left to log. Still on air Greg? (Yes-gc) 115

0612 WYTN 91.7 OH Youngstown, g, ID thru CKPC 92.1 SPLATTER 230

0615 nID 91.5 to 91.9 WCBJ heard "present temperature here in Bluemont, Ohio"

0702 WBER 90.5 NY Henretta, p$, on & off 185

0712 WGMC 90.1 NY Greece, Julie DJ, rj, ID, that should be over 50 catches now 88 to 92 (a personal goal I made) Time for some E-skip! 182

27 Es Finally. I missed Memorial Weekend Skip!

1343 KODA 99.1 TX Houston, b, ID concert spot, Personal and Station DX record! Now I'm an official member of the KODA crew! 2024

1347 KILT 100.3 TX Houston, k, QSL in 14 days 2024

1403 KWNS 104.9 TX Winnsboro, wx, QSL 15d 1739

1404 KYCX 104.9 TX Mexia, k, ad for Life Insurance At times of E skip I wish I had a digital! Going back to personal favourite 99.1 and sitting on it

1428 KMAG 99.1 AR Fort Smith, k, official wx stn QSL/Media Kit recd 13 days from Del Williams 1490

1432 unID 99.1 KS Pittsburg, r, wx, Y 99.1, Pittsbgh area weather, KSEK 1340 AM mentioned

1459 unID 99.1 FL Miami, 99 Jamz (WEDR-gc) new E-layer cloud formed?

28 TrS (maybe MS?)

1621 WIKB 99.1 MI Iron River, kr, ID "Clover Co. of Iron River", QSL/bumper sticker 13 dys 748

29 GW

0701 WVCC 101.7 PA Linesville, r, Z-ROCK finallly caught a legal ID on tape 170

30 TrS

0700[WCII] 88.7 NY Spencer, g, USA Radio News (Bruce, this one is on 88.5. Also it never had any previous calls-gc) 300

JULY 1990 DX

7 TrS

0634 CKQM 105.1 ON Peterburough, k, sports ID and Country 105 202

Bruce's report continues.....

BRUCE HALL'S REPORT continues

JULY 1990 DX

13 TrS

2353 WNGZ 104.9 NY Montour Falls, r, Wings 105, Fat Bottomed Girls by Queen 275

2330 WFYC 104.9 MI Alma/St.Louis, Tiger BB, ID 368

2349 WOWE 98.9 MI Vassar, The New 98.9, serving Flint and Saginaw. 276

2353 WIML 98.9 MI Petoskey, r, 99-JML, ID, wx 455

16 GW Clear skies

0703 CHRY 105.5 ON Toronto, p, t, CRTC obligations last Toronto catch at 50 watts sandwiched between 105.3 CFCA 100 kw @ 35 km, and CHRE 105.7 100 kw @ 80 km. Could the 3 (150) filters have helped? (Maybe, hi-gc) 80

17 GW/TrS

0604 CIXK 106.5 ON Owen Sound, r, K106.5, ID 161

0625 CBCB 98.1 ON Owen Sound, CBC, tm (Bruce, this station's frequency is 98.7-gc) 161

0714 CFLY 98.3 ON Kingston, 98.3 Fly FM, ID "Kingston's Easy Favourites" 322

0800 CFBK 105.5 ON Huntsville, rm, local ad with William St. Huntsville address, news, "17 degrees at 8 o'clock, I'm Don..." 265

18 TrS

0627 CKAT 101.9 ON North Bay, k, wx, Anne Murray music. Furthest North heard. 368

0729 CBEG 90.3 ON Sarnia, tm, CBC ID, regional nx With Barbara Peacock. 184

ROBERT ROSS VE3JFC - BOX 4373 STN C - LONDON, ONTARIO N5W 5J2

Equipment: Marante 2226 B receiver, with FM beam

MAY 1990 DX

27 Es

2200KSTX 89.1 TX San Antonio, Celtic program

2231KUCV 90.9 NE Lincoln, ID as Nebraska Public Radio Network, into "Pipe Dreams"

2343KMGW 94.5 WY Casper, ph# list of movies in Casper, ez-list and folk music

2357WPCV 97.5 FL WInter Haven, c/w music ID as 97 WPCV Winter Haven-Lakeland-Orlando

28 Es

0005WNFI 99.9 FL Palatka, ID by OM as I-100 rock

0011KDLY 97.5 WY Lander, ad for restaurant, c/w, mix with WONE Akron

29 Es

1915 WTJT 90.1 FL Crestview, Focus on the Family

1927 KBTS 93.3 TX Killeen, ID as B-93, Austin's #1 Hit Music Station, Rock music.

1930KNTU 90.1 TX Denton, jazz music, DJ-Scott phone number 565-FM88

1936KGKL 97.5 TX San Angelo, severe wx watch ID as KGKL 97.5, C&W music

1938KWTX 97.5 TX Waco, Central TX wx, ID as the Most Music 97 FM, Pop mx

1946KNFM 92.3 TX Midland, ad for Midland

1949KHYI 94.9 TX Arlington, rock mx, contest

2021KQFX 96.7 TX Georgetown, 85 in Austin, 96.7 Oldies all the Time

2035KHFI 98.1 TX Austin, K-98.1, local ads

2118KTDR 96.3 TX Del Rio, SS talk by 2, several mentions of Del Rio, ID in English at 2130.

31 Es

1953KILO 93.9 CO Colorado Springs, Kilo 94 rock Music, Stn #600 logged on FM

2016KRBE 104.1 TX Housotn, Power 104 IDs

2018KZEU 107.9 TX Victoria, c/w mx 108 KZEU

2028KTFM 102.7 TX San Antonio, ads, 102.7 Jams

2035KHLA 99.5 LA Lake Charles, local ads, lottery sport. LA99, rock music

2049KNRJ 96.5 TX Houston, Energy 96.5, contest

2114KQXT 101.9 TX San Antonio, KQ102, c&w mx

2116KZEP 104.5 TX San Antonio, ads, another block of hits on 104 KZEP, rock mx

2120KTLC 99.7 TX Tye, flash fool warning, Abilene's KTLC 99.7

2127KODM 97.9 TX Odessa, event sponsored by channel 9 and KODM 98, contest spot

2134KGEE 99.9 TX Monhanas, KG-100, c/w mx

2159KMOC 89.5 TX Wichita Falls, legal ID, relig.

2201KOCV 91.3 TX Odessak Mountain Stage spot on 91.3 KOCV, public radio, classical wx

JUNE 1 Es

1457KLUX 89.5 TX Robstown, ez list music, rlgs talk, Chorpus Christi's AM go better w/KLUX

1612KYQX 89.5 TX Weatherford, c/w mx, ID as 89,1 KMQX Springtown and KYQX 89.5 FM W'ford

2032WJOY 106.7 FL Ft.Lauderdale, Joy 107, MOR mx

2 Es

2054KMDL 97.3 LA Kaplan, c/w mx, KMDL Kaplan Lafayette, local ads.

2100KSLU 90.9 LA Hammond, listener supported

2117KIKK 95.7 TX Houston, Kick 96 FM and KIKK

3 Es

1201KBNL 89.9 TX Laredo, SS rlge pgm, ID in EE by OM as KBNL FM 90

1254KACV 89.9 TX Amarillo, ID as FM 90 KACV-FM Amarillo's FM90, DJ-Susan

12 Tr

1913WTGV 97.7 MI Sandusky, Tigers/Indians BB ID as WTGV-FM in local ads

2030WMEE 97.3 IN Fort Wayne, rock and heavy metal, ID as 97.3 WMEE

2150WUCX 90.1 MI Bay City, classical mx, ID as CMU Public Radio and 90.1 FM $, legal ID

2152WKYN 97.5 PA St.Marys, 97-KYN, rock music

14 Tr

2017(WESE)104.7 PA Pittsburgh, wx, ez list mx, Esy 104, WESE-FM 104.7, thunder stm warn

2242CFJB 95.7 ON Barrie, ID as Rock 95, ads,

26 Es

2024KELT 94.5 TX Harlingen, local ads, anti-drug campiagn, Valley wx, request line.

2055KTLY 99.7 or 99.9 "Acadiana KTLY" jingle (Robert, I bet this is KTDY 99.9 Lafayette-gc)

2958WLBF 89.1 AL Montgomery, calls, address, phone numer 271-8900 into open line pgm

2120WVAS 90.7 AL Montgomery, election talk.

JULY 2 Tr

2247CBON18 88.1 ON Sault Ste Marie, FF talk by OM, 104.3 booming in!!

2258CBSM 89.5 ON Sault Ste Marie, //CBCE 97.5

2306(WMXD) 92.3 MI Detroit, 92.3 the mix, Dance

3 Tr

0725CBCE 97.5 ON Little Current, CBC ID, region wx

2227WJIM 97.5 MI E.Lansing, Lansings New EZ 97.5

6 Es

2105WXLT 94.1 MS McComb, lite rock, Sunny FM

8 Es

1503KSMB 94.5 LA Lafayette, dance mx, calls

1553WBHL 91.3 AL Florence, rock music, OM DJ

1621WIIN 98.7 MS Vicksburg, Win 98, contest, wx

1624WYMX 99.1 MS Greenwood, 99.1 WYMX, soul

1636WOOF 99.7 AL Dothan, 99.7 Woof FM

Robert's Report continues.....

ROBERT ROSS' report continues.

July 8 Es cont.
1638 WILN 105.9 FL Panama City, rock, Island 106
1648 WTNT 94.9 FL Tallahassee, c/w mx, TNT Country , stations promo

18 Tr
1151 [WXKR] 94.5 OH Port Clinton, ex WOSE, ID as Toledo's and NW Ohio's Classic Rock X94.5 WXKR, weather by YL

21 Tr
1417 WEGR 107.5 WV Wheeling, rock, Eagle 107 (Robert, note the new calls-gc) ex:WZMM

22 Tr
1059 WCVF 88.9 NY Fredonia, 130 watts!, ID as 88.9 The edge-WCVF", "Grapevine" pgm. a community calednar pgm

Sky 96fm
ROCKS THE COAST
POST OFFICE BOX 1400
SAN LUIS OBISPO, CALIFORNIA 93406

WILLIAM R. HEPBURN - 1211-1547 MISSISSAUGA VLY - MISSISSAUGA, ON L5A 3X8

EQUIPMENT: JVC R-X330V Rcvr
12th floor balcony/indoor discone/diPoles.

- time EDT

JUNE 1990

16 Tr
0736 WCOA 96.5 NY Fredonia 81
2317 WBMW 947.3625 NY East Aurora 77
(STL FM-107.7 Wethersfield)

17 Tr
0122 WTNY 93.5 NY Watertown 180
0914 WKLX 948.5 NY Rochester 104
(STL FM-98.9)

26 Tr
0658 WRVE 91.7 NY Watertown 180
(re: WRVN 91.9 Utica)

26 Es
2058 WMBV 91.9 AL Dixons Mills 915
(xmtr Shilo Hill)
2120 WGIB 91.9 AL Birmingham 790

26 Tr
2125 WHKO 99.1 OH Dayton- Springfield 345

27 Es
0000 KETR 88.9 TX Commerce 1125
0049 unid 99.1 "Max-99" "The Delta Giant"
0050 MUF-99.3
1336 KZFX 107.5 TX Lake Jackson- Houston 1330
1347 KRMD 101.1 LA ShrevePort- Bossier C-Springhl 1070
1354 MUF-115.2
1357 KWNS 104.9 TX Winnsboro- Sulphur Sp-Mineola 1120

27 Es
1406 KVIL 103.7 TX Dallas- Highld Pk-Ft Worth 1195
1422 KMAG 99.1 AR Fort Smith 960
1428 KRPT 103.7 OK Anadarko 1150

JULY 1990

4 Tr
0137 WHKO 99.1 OH Dayton- Springfield 345
0142 WAMO 105.9 PA Pittsburgh 230
0157 WKBN 98.9 OH Youngstown 165

4 GW
---- C? 99.1 ON Toronto $ 14
(60 db, Digital Radio Test (DAB) w/various lcl AM/FM stns)

8 Es
2125 KEBC 94.7 OK Oklahoma City 1110
2149 KWOX 101.1 OK Woodward 1160
(10 db)
2159 KVGB 104.3 KS Great Bend 1065
(15 db)
2204 KFDI 101.3 KS Wichita 1020
2227 KJIL 104.9 OK Bethany-Okc Cy T ,9
2239 KFNF 101.1 KS Oberlin 1110
2244 KDCK 95.5 KS Dodge City 1135
2259 KMUW 89.1 KS Wichita 1020

11 GW
---- CKLH 958.6875/958.8125 ON Ham 37
(35+ db, STL ex-956.8125/956.9375)
(450.8625 still on)

Comments: Digital radio tests underway here in T.O. Sounds good with both extra bass as wel as treble. Overall response sounds more flat and realistic. CJCL-AM aired, quote "the world first digital sport's broadcast" unquote, with a Blue Jays game. It's still not true digita reception since we all still have just analog receivers -- but at least 1/2 of the transmission (i.e.-the transmitter) is in fact digital. Most AMs weren't advertizing the fa that they were doing the test. No wonder! If anybody tuned over to 99.1 and compared it to their AM signal they would wonder why in the world they were listening to AM for music! It' like watching black & white TV, hi. C.U. Bill

AROUND THE DIALS: In Buffalo WBMW 107.7 Weathersfield has changed format again! They are now "beautiful" music, and WEZO, EZ 107.7. They are picking up the format vacated by WJYE in late 1988. Big news also in Houston, where 96.5, which was modern rock and dance hits before that, is now KHMX "The New Mix" (96.5). The format is hot a/c or lite top 40... In Central Texas, 94.7 Luling has dropped easy listening for KATG "The Country Cat". 92.1 in metro Denver is now easy listening....the slogan for WXLT 94.1 MS is reportedly "Sunny 94".

JOHN EBELING - BLOOMINGTON, MINNESOTA

JUNE 1990 DX
5 Tr
1700 KQSD 91.9 SD Lowry
6 Tr
0800 KTSB 93.9 IA Sioux Center, g ex94.3
21 Tr
0825 KARL 105.1 MN Tracy, testing
25 Tr
2015 KTWB 101.9 SD Sioux Falls, 102 FM
25 Es
2022 KAPT 94.7 TX Luling, b
2028 KSTX 89.1 TX San Antonio
2031 KGNZ 88.1 TX Abilene
2045 KZFM 95.5 TX Chorpus Christi
26 Tr
0800 KNEN 94.7 NE Norfolk, +X SCA
0800 KKPR 98.9 NE Kearney,
Elving's Old Stomping Ground
26 Es
2000 WFSS 89.1 NC Fayetteville (No TV Es)
2001 WNAA 90.1 NC Greensboro
2019 WOSF? 92.1, like WOSF Oldies?
2024 WKRR 92.3 NC Ashboro
2030 WDLX 93.3 NC Washington
2100 WRJA 88.1 SC Sumter
27 Es
0700 WUWF 88.1 FL Pensacola
0830 WBLX 92.9 AL Mobile
0831 WFLZ 93.3 FL Tampa, +67 khz M
0832 WRJH 97.7 MS Brandon, g
0846 WBLE 100.5 MS Statesville,
Country 101 (ex 95.9)
0900 WMBV 91.9 AL Dixons Mills, g
0905 WJDR 98.3 MS Prentiss
0915 WPCS 89.5 FL Pensacola
1000 WLBF 89.1 AL Montgomery, g
1002 WBHL 91.3 AL Florence
1030 WBSN 89.1 LA New Orleans
1057 WSOR 90.9 FL Naples
1102 WFSU 91.5 FL Tallahassee
1109 WJIS 88.1 FL Bradenton, g, Joy
1130 WMFQ 92.9 FL Ocala, b, +M SCA
1132 WNFB 94.3 FL Lake City
1139 WLCL 97.7 FL Micapony, Clear 97 FM
1140 WQHL 98.1 FL Live Oak
1143 WHFX 103.3 GA Waycross
1147 WOMX 105.1 FL Orlando, Mix 105.1
1150 WYAI 104.1 GA LaGrange, k, Y106 & Y104
1157 WJYO 107.7 FL Mount Dora
1158 WCRJ 107.3 FL Jacksonville
1200 WDEN 105.3 GA Macon, k
1203 WMTY 103.5 SC Greenwood
1226 WSOC 103.7 NC Charlotte, k
1227 WYAK 103.1 SC Surfside Beach
1230 WJMX 103.3 SC Cheraw-Florence
1234 WPCM 101.1 NC Burlington
1236 WCKZ 101.9 NC Gastonia

JUNE 27 Es continued.
1240 WTHP 98.3 NC Thomasville
1248 WKTC 96.9 NC Goldsboro-Wilson
28 Es
1558 KLUX 89.5 TX Robstown
1559 XHOY 88.1 TX Laredo
1600 XHNOE 91.3 TA Nuevo Laredo
1601 KAJA 97.3 TX San Antonio
1619 KITY 92.9 TX San Antonio
1640 KLTG 96.5 TX Chorpus Christs, K-Lite+MSCA
1645 KVMV 96.9 TX McAllen, g
1700 KJEF 92.7 TX Jennings
1700 KBNJ 91.9 TX Chorpus Christi
1702 XHAAA 93.1 TA Reynosa
1705 KYKM 97.7 TX Winfield, b
1709 XEEW 97.7 TA Matamoros
1711 KDBH 97.7 LA Natchitoches
1714 KWVS 97.5 TX Kingsville
1716 KIWW 96.1 TX Harlingen (mix of EE/SS)
1719 KZFM 95.5 TX Chorpus Christi
1721 KOYE 94.9 TX Laredo
1723 KHUN 101.7 TX Huntsville, FM 102
1725 KYKS 105.1 TX Luftkin
1727 KZFX 107.5 Houston, Z107
1730 KGLF 103.3 TX Freeport, g, +X SCA
1730 KJOJ 106.9 TX Conroe, dual ID w/above
1739 KISX 107.3 TX Whitehouse, Kiss 107
1751 KOUL 103.5 TX Sinton, k, Cool 103 FM
1800 KEPG 100.9 TX Victoraia, EE and SS
1804 KRJT 100.7 TX Bowie, k, COuntry 100
1806 KRYS 99.1 TX Chorpus Christi, k
1818 KTDR 96.3 TX Del Rio
1827 KJAK 92.7 TX Slaton, not yet on 92.9
1957 KOMP 92.3 NV Las Vegas, KOMP-The
Rock of Las Vegas
2000 KXTZ 94.1 NV Henderson, b, was 105 deg.
2000 KAFF 92.9 AR Flagstaff
2001 KNPR 89.5 NV Las Vegas
2004 KCEP 88.1 NV Las Vegas
2321 CJAY 92.1 AB Calgary, C-Jay
JULY 11 Es
2030 KGNZ 88.1 TX Abilene
2041 KYKR 93.3 TX Port Arthur
DX from cabin at Alborn, Minnesota:
JUNE 14 Es
1427 KFAN 101.1 TX Fredericksburg
1430 KBUB 90.3 TX Brownwood, g, 550 watts
1434 KMOO 96.7 TX Mineola, Lake Cnty $
1440 KFMX 94.5 TX Lubbock
1442 KEBC 94.7 OK Oklahoma City, 94 Country
1451 KNFM 92.3 TX Midland
1500 KOCV 91.3 TX Odessa
1515 KNEW 89.5 NM Poratles (ID with KHFM)
1521 KOFX 92.3 TX El Paso
JULY 2 Tropo
0815 KQLX 106.1 ND Lisbon, k
1900 KGRD 105.3 NE Orchard, continued....

JOHN EBELING

JULY 2 Tr cont
2030 KCND 90.5 ND Bismarck (Severe wx)
2100 KBRX 102.9 NE O'Neill
2100 KQSD 91.9 SD Lowry
2130 KTSD 91.1 SD Reliance
2148 KIDA 92.7 IA Ida Grove
2200 KIOS 91.5 NE Omaka
2325 KSDN 94.1 SD Aberdeen
2359 KESY 104.5 NE Omaha
3 Tr
1200 WSCN 100.9 MN Duluth, ex 100.9

WKTK
FM 98.5
COAST TO COAST – FLORIDA'S FM
P.O. BOX 5398, GAINESVILLE, FL 32602

MIKE CHERRY - BOX 631 - GANGES, B.C. CANADA V0S 1E0

(604) 537-5201, EQUIPMENT: see previous VUDs, @ = 1990 Toyota FM stereo radio with stock whip and Realistic #12-1875 10 db booster.

JUNE 1990
2 Tr (@-Ganges)
1048 KXYQ 105.1 OR
23 Tr @ Vancouver
2030 KMHD 89.1 OR
2032 KKSN 97.1 OR
Kissin, oldies $
2034 KXYQ 105.1 OR $
2037 KKEE 94.3 WA
2039 KDUX 104.7 WA
2042 KTPS 91.7 WA
2045 KKCW 103.3 OR
2047 KXL-FM 95.5 OR
2049 KBVM† 88.3 OR
2057 KBOO 90.7 OR $

JULY 1990
1 Es
2039 KCFR 90.1 CO $
with PSA and c music
2043 KTPR 91.1 IA, j
2045 KHIH 94.7 CO,$,K-High
2048 KANZ 90.5 KS // KNZA 91.1
2054 KHAZ 99.5 KS, k, KZ 99, $
5 Es
1836 KCFR 90.1 CO, c
1842 KWBI 91.1 CO, $
g- cont, music
1844 unID 94.5 beam ESE,
rm, and was MONO
1854 KKLY 95.1 CO, rm$,ID
1856 KSTR 96.1 CO $
1907 KPRN 89.5 CO, $
1914 KEZU 94.5 KS $
1919 KDCK 95.5 KS $
1922 KSQI 96.1 CO $
1924 KRXL† 94.5 MO $
with Royals BB
1927 KJJJ 102.1 AZ,rm$, ID
1928 KHUT 102.9 KS, k$, and localed
1932 KKRD 107.3 KS, rs$, funky rap!
1933 KZXL 107.9 KS, rm$
1936 KZSN 102.1 KS, k

JULY 5 Es cont.
1938 KJLS 103.3 KS CHR$
1946 KSOF 91.1 KS calls, jazz, $
1954 KANZ 90.5 KS, jazz,PSA,calls
2002 KHCD 89.5 KS c, calls, $
2004 KBYU 89.1 UT
2012 KCME 88.7 CO, c
2036 muf down to ch 4
2150 KNLB 91.1 AZ rm, $, calls
8 Es
1910 unID 91.1 $, see note #1
1914 KCSC 90.1 OK ID, big band
1916 KEBC 94.7 OK
1918 KIMN 107.9 CO
9 Tr
0734 KMBI 107.9 WA
0738 KKPL 96.1 WA
(over KXXO via TrS)
0743 KPBX 91.1 WA
Morning Edition
0748 KGDN 95.9 WA, g
14 Tr @ Vancouver
2012 KLCC 89.7 OR, with ID, talk
2014 KPBS 89.9 OR
2017 KBOO 90.7 OR $, ID, urban
2021 KGHO 95.3 WA, relig. pgm
2024 KKSN 97.1 OR $
2026 KMGE 94.5 OR, rm music, ID $
2034 KWAX 91.1 OR $
2038 KFAE 89.1 WA c
2042 KHPE 107.9 OR cont. r music, $
2047 KZEL 96.1 OR p
2053 KKCW 103.3 OR, $
2059 KMHD 89.1 OR $,legal ID, jazz
2103 KLYK 105.5 WA
17 Es
1917 KNTU 88.1 TX ID,Jazz
21 TrS
2209 KMNT 102.9 WA k music $
22 MS
0552 KWST 94.5 CA "90's in Brawley...."

Mike's comments on next page.....

MIKE CHERRY's comments

I've found a great spot for tropo whilst mobile in Vancouver, B.C. It is on a bluff jutting out over the ocean and provides a good, long-water based tr path towards west central Oregon and Wash! I tried the EID 35V mast-mount ore-amp that Doug Allen sent as a prize, but after much experimentation have found it works out much better with my VHF-tv array. July 5 Es turned into Kansas night here on both lo-band TV and FM. **Note #1:** this was one of the only signals in here. IDed as "Nebraska Public Radio". Is this the new KTNE Alliance, Neb. on the air already?!?!. According to FCC News they only received their CP and calls last April or May (1990). I can't find any other possibilities for this one and it didn't stay in long enough for a legal ID. Whozziss??....Looking forward to trying the delta-Aquarids late July and Perseids early August for some MS IDs!!! Hope y'all got lotsa E-skip by now.....73's Mike

HARRY J. HAYES - 9 HENRY ST. - WILKES-BARRE, PENNSYLVANIA 18702

Equipment: Superradio Jerrold 9 element in attic

JUNE 1990

26 Es

2005 WJST 94.5 FL Port St.Joe, All Gospel WJST
2017 WJIZ 96.3 GA Albany, with Z-96.3 IDs and local ads
2024 WTNT 94.9 FL Tallahassee, TNT Country
2037 KUEZ 99.3 TX Luftkin, oldies
2050 WYMX 99.1 MS Greenwood, MAX 99, ID, jingle previously heard as WSWG.
1923 KWKH 94.5 LA Shreveport

26 Tr

2245 WIKZ 95.1 PA Chambersburg, rr , ID thru WZZO

29 Tr

2022 WAYV 95.1 NJ Atlantic City, rr

JULY 1990

1 Es

1027 KHYI 94.9 TX Arlington

6 ES

2057 KWEN 95.5 OK Tulsa, K-95
2058 KITO 96.1 OK Vinita ID
2102 KXUS 97.3 MO Springfield

7 Es

1856 WOVV 95.5 FL Fort Pierce, rr, jx

8 Es

1417 KSMB 94.5 LA Lafayette, FM 94 1/2
1420 WTYX 94.7 MS Jackson, no call, Oldies 94
1420 WOHT 95.5 MS Jackson, rap music
1421 unID 96.3 soft rr, suspect WSLI
1421 KYKX 96.1 LA Lake Charles, Kix, o/the 96.3
1430 WMBR 99.7 MS Jackson, Power 99, local ads
1441 WWMS 97.5 MS Oxford, Miss 98
1442 KBIU 103.7 LA Lake Charles, rr
1454 WSOR 90.9 FL Naples, Christian Life Radio

JULY 8 Es cont.

1508 KPLX 99.5 TX Fort Worth, K-Plex
1515 KTSU 90.9 TX Houston, The Choice
1543 KITX 95.5 OK Hugo, ID c/w mx
1546 KMAG 99.1 AR Fort Smith, c/w mx
1552 KKAJ 95.7 OK Ardmore, c/w, mx
1600 KSOZ 90.5 MO Pt.Lookout, with wx, ID
1605 KEBC 94.7 OK Oklahoma City
1610 KAYI 106.9 OK Tulsa, K107, strong thru local sidebands
1616 KLTE 101.9 OK Oklahoma City, o/WAVT, K-Lite
1623 KEYN 103.7 KS Wichita, ID, oldies
1624 KTFX 103.3 OK Tulsa, wx rpt
1637 KRZZ 96.3 ?? (Harry, it is Derby, Kansas-gc)
1639 KUEZ 99.3 TX Luftkin, playing the EZ favorites
1705 KQUS 97.5 AR Hot Springs
1800 KCBI 90.9 TX Dallas, rr
2235 KUTT 99.3 NE Fairbury, c/w, Stereo 99, no calls had extensive movie report.

8 Tr

2241 WKYE 95.5 PA Johnstown, strong at 200 miles
2257 WDSY 107.9 PA Pittsburgh, c/w, very good at times,260 mi
2309 WAMO 105.9 PA Pittsburgh, jazz program, poor to fair
2309 WSHH 99.7 PA Pittsburgh, v/strong, Wish 100, soft rr
2338 WMXP 100.7 PA New Kensington, Mix-Jams, Pittsburgh;s New Jamming 100.7, strong clobbering WFMZ.

21 Tr

2324 WFRB 105.3 MD Frostburg, c/w, country leader, 250 mi
2346 WAMO 105.9 PA Pittsburgh, Hot 106
2351 WGTY 107.7 PA Gettysburg, Country 108 at 120 mi

22 Tr

0027 WQWK 97.1 PA University Park, 97 Quick, The Rock of Lion Country, hard rr, good at times, @110 miles
0118 WFXX 99.3 PA S.Williamsport, oldies the New Fox, all other Williamsport locals came up at this time also.

Grand total is 767 stations after 20 years of DXing FM. 7/8 was an all around grandy day with the season's best Ex session and Tropo session both happenig on that day. I was pleased to receiver WQWK 97.1 on 7/22. This is one I never tried for because I never expected to hear them. This shows one should always have faith. I would like to wrap up 97.1 and surrounding channels as much as I can now. Mountaintop PA 97.1 is threatening to come on but not, fourtunately, for about 4 years. The future owner has a lot of loose ends to tie up, including still being tied up with WRBL 102.3 "Rebel Radio" in Pittston. I have a sneaking suspicion he will be on before this. I am also being threatened with Tobyhanna on 107.9, Tunkhannock on 107.7, Olyphany on 95.7, Hawley 105.3, not to mention a 99.5 in Scranton. I think if I see one more authorization for this area I'll screeeem! Alas the FM band was not created for DXers. My opinion for this season is that it was OK but nothing super fantastic. There seems to have been a shortage of Es on FM. I'm keeping my fingers crossed for some prize winning trops this fall.

GEORGE B. SHERMAN - 104 PINEWOOD CIRCLE - APPLE VALLEY, MINN 55124

Equipment: McIntosh MR78 tuner, Winegard, CS6065 10 element FM antenna.

MAY 1990 DX

28 Es 0000-0010 CDT

KCMI 96.9 NE Terrytown
KMTS 92.7 CO Glenwood Springs
KRPN 89.5 CO Grand Junction
K---- 92.3 CO Grand Junction "K-Joy"
1959 CILA 107.7 AB Lethbridge, r, LA-107

MAY 28 cont

2059 CBRX 100.1 AB Lethbridge, CBC Radio
2103 CIZZ 98.9 AB Red Deer, o, "Zed 99"
plus MT,ID,WA,AZ

MAY 29 Es

1105 KALP 92.7 TX Alpine, k

George's late-May skip continues.....

GEORGE SHERMAN

MAY 29 Es cont
1100 KFLQ 91.5 NM Alberquerque, g
1112 KCRS 103.3 TX Midland
1125 KRFM 96.5 AZ Show Low, r
1136 KFQX 102.7 TX Merkel, r, Fox 102.7
1143 KORQ 100.7 TX Abilene, r
1144 KTLC 99.7 TX Tye, r
1152 KRKZ 93.5 OK Altus, r
1216 KANW 89.1 NM Alberquerque, ID
1249 KNEV 95.5 NV Reno, ad
1344 KSOP 104.3 UT Salt Lake City
1346 KSHA 104.3 CA Redding, b
The Music Mountain, State #47
1355 KTAK 93.9 WY Riverton, news
1400 KLCI 96.9 ID Nampa, Rock 97, the Capital Cities best music variety.
1407 KJOT 105.1 ID Boise, J-105, woman DJ named Murphy Collins
1943 WGYL 93.5 FL Vero Beach
1947 WQLM 92.7 FL ???, EZL$

May 29 Es cont
2122 KHRN 94.3 TX Hearne, ad,wx, Nice and Easy K94
2016 KQLD 106.7 LA Pt.Sulphur, Oldies 106.7 (George, note the calls are now KQLD-gc)
2051 WZZR 92.7 FL Stuart, Z-93
2100 WMFQ 92.9 FL Ocala, UPI news

31 Es
1847 WEEJ 100.1 FL Port Charlotte
1850 WTRS 102.3 FL Dunnellon, k, Proud Country
1855 WKTK 98.5 FL Crystal River, thru local!!
1859 WKGR 98.7 FL Ft.Pierce, r
1857 WQEZ 99.3 FL Fort Myers, Light and Easy 99
1940 WOOF 99.7 AL Dothan, Woof-FM
1950 WAGH 98.3 AL Ft.Mitchell, Magic 98.3 (Note calls-gc)
2030 WMPR 90.1 MS Jackson, g talk
2042 KZMZ 96.9 LA Alexandria, r, The Power Station
2045 KMDL 97.3 LA Kaplan, k$
2052 KNOE 101.9 LA Monroe, $, TV-8 ad
2102 KVNE 89.5 TX Tyler, wx, ID, Total Christian Radio,$
2103 WMAU 88.9 MS Bude, all MS net IDs

GREG CONIGLIO - 5100 GLENWOOD DR - WILLIAMSVILLE, NY 14221

Equipment: See previous VUD's. Pioneer TX9100 now modified with 4 150 khz filters.

JUNE 1990 DX

16 Tr
0901 WWWM 105.5 OH Sylvania, rm 285
0910 WBTU 93.3 IN Kendallville, k$, calls 348
0921 WBNO 100.9 OH Bryan, talk show, then rm$, ID with WQCT-AM 313
0925 WQTL 106.3 OH Ottawa, rp$, Power 106 304
0937 WBYR 98.9 OH Van Wert, The Bear, ro$ 330
0950 WRSW 107.3 IN Warsaw, r$, call, 382
1038 WKLL 94.9 NY Frankfort-Utica, o$, o/CKQT 180

18 TrS WDCX 99.5 off the air-thunderstorm
logged new CIME-PQ as well as WGAR,WJBR,CJBC
nothing IDed from needed WGAY,WGY,WBAI

19 Es
1830 WZZR 92.7 FL Stuart, r$, Z-93 1098
2051 WKIS 99.9 FL Boca Raton,Kiss,k$, o/CKFM 1152
1902 WXDJ 95.7 FL Homestead, Radio Ritmo, SS$ 1210
1906 WHYI 100.7 FL Ft.Lauderdale, Y-100, top 40$ 1168
1915 WPOW 96.5 FL Miami, crossover o/WCQA finally logged!, Power 96 1190
1919 WZMQ 103.9 FL Key Largo, Spanish 1238
1920 WWUS 104.7 FL Big Pine Key, local ads 1262
1925 WRTO 98.3 FL Goulds, SS$ o/CFLY
1921 WIRK 107.9 FL W.Palm Beach, k$, calls 1122
1924 WRMF 97.9 FL W.Palm Beach, rm$ 1122

JULY 1990 DX

3 Tr
1040 WDXX 101.1 WI Green Bay, top 40, strong signal 472
1043 WRVM 102.7 WI Suring, g$ 504
1046 WJBD 92.3 MI Ishpheming, k$ 500
1048 WDOR 93.9 WI Sturgeon Bay, calls, lcl spot 448
1052 WMYX 99.1 WI Milwaukee, Mix 99, rm 460
1056 WIKB 99.1 MI Iron River, local ads 533
2350 WFRB 105.3 MD Frostburg, k$, calls 231

4 Tr
0030 WSHW 99.7 IN Frankfort, Shine 99, a/c 440

6 Es
1104 WCKW 92.3 LA LaPlace, classic rock 1130
2100 KHBM 93.5 AR Monticello, r$, legal ID 952

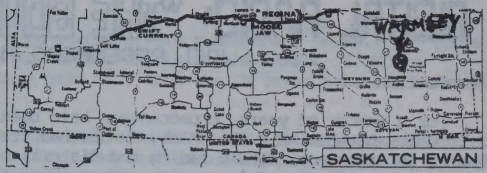
6 Es cont
2101 WTBG t 95.3 TN Brownsville, k$ o/CHML, ment serving E.Arkansas and ad for "Brownsville Ford"
2106[KOLL] 94.9 AR Pine Bluff, Cool 95, o$, ex;KZLR 936
2107 WMC 99.7 TN Memphis, r$, FM100 911
2112 unID 97.9 "real" easy listening music
2115 KMYQ 100.1 LA Bastrop, My Q100, again?!? 1002
2116 KCTO 103.1 LA Columbia, Oldies 103, $ 1043
2120 KTRY 94.3 LA Bastrop, $, ads 1002

7 Es
1534 KBHT 93.5 TX Crockett, ads, Best Hits 1215
1535 KTSR 92.1 TX College Station 1281
1538 KGRI 100.1 TX Henderson, local ads 1148
1540 KLAZ 105.9 AR Pine Bluff, call letters 981
1545 KWTX 97.5 TX Waco, 97 FM 1271

8 Es
1418 WLWI 92.3 AL Montgomery, calls, k
1423 WABB 97.5 AL Mobile
1451[WMXZ] 95.7 LA New Orleans, rm$, ex:WBYU/WQXY
1456 WMBD?? 94.3
1500 KQXY 94.1 TX Beaumont, Y-94
1505 KJOJ 106.9 TX Conroe, g
1513 WGSY 100.1 AL Phenix City
1536 KZMZ 96.9 AL Alexandria, Power 96.9 o/ WGR-FM!
1553 unID 98.7 "Magic 98"
1556 KXKZ 107.5 LA Ruston
1600 unID 97.1 "KAMD 97 Country"
1623 KMAG 99.1 AR Ft.Smith, k$
1642 KBBQ 100.9 AR Fort Smith
1647 KAMO 94.3 AR Rogers, K-Moe 94
2053 KMXR 93.9 TX Chorpus Christi, !! only TX at time.
2124 KMZU 101.1 MO Carrolton, calls, k
2140 KRZZ 96.3 KS Derby, op$, call, also prev hrd on 95.9
2150 KFFX 104.9 KS Emporia, K-Fox 105
2210 KWKS 94.3 KS Winfield, Class FM
2218 KFKF 94.1 KS Kansas City
2028 KZOC 92.9 KS Osage City,k$, KZ-93, over WBUF !!

9 Tr
0031 WCBA 98.7 NY Corning, 98.7 CBA-FM o/WLZW 10(

Many more were heard on July 8th, but report has been shortened to fit this page. Thanks to my brothe who helped out with the skip on July 7 and 8 when I was not home. I was in Batavia the 8th and had stuf over Buffalo locals on the car radio!! Report will continue next month, with some skip July 19th, and th Perseid meteor shower being some of the hi-lites. Thanks to Michael and Shirley Wimer for hosting a great convention! I really had a good time at WTFDA Manassas '90; it was nice meeting all of you. I hop I will be able to make it next year as well....Keep an eye out for that fall trop, any day now!!



Submitted by Tom Bryant
249 Todd Preis Dr.
Nashville, TN 37221

WHY YOU CAN'T FIND WARMLEY, SK ON A MAP

NICE NAME..BUT WHERE'S THE TOWN!: Anyone who's been lucky enough to get CFSS-tv (3) in Warmley, SK has likely had a devil of a time figuring out what it was and where it was. It's still not listed in the 1990 Broadcasting Yearbook! Here's the scoop! In November of 1978 it was decided to expand service to the Weyburn/Estevan region. This necessitated changing CKOS-tv to channel 5 and moving the channel 3 transmitter south almost 150 miles to a location about 20 miles west of Carlyle Lake (and 12 miles north of Kisbey, SK). **This is the location of Warmley.** The channel change in Yorkton averted a short-spacing problem that would have come up had 5 been dropped in at Warmley..fringe CCI with CKX-tv (5) in Brandon, MB. Up in Yorkton the channel 5 drop-in worked fine since the closest operation on 5 was CKBI-tv in Prince Albert; well beyond the limits of fringe CCI and short-spacing headaches. The re-location of 3 to Warmley was also problem-free.

OK...SO WHAT'S THE DEAL ON WARMLEY? I've never been able to find Warmley on a map. Even the official SK Highway Dept. road map denies the existence of such a place! It doesn't show up on old (mid 30's) CN and CP rail maps. Why? There is no town named Warmley...any more! Apparently there was a community by that name MANY years ago, but few traces of the settlement remain today. Why this ghost town was selected as the city of license for a television transmitter is not known.

THERE'S MORE: At the same time the CFSS-tv call was moved from channel 7 to the new channel 3 (continuing to run CKOS-tv and CBC programming as well as a few locally originated shows); channel 7 switched calls to CIEW-tv and became a semi-satellite of channel 10 from Yorkton airing CTV network fare along with limited local originations. Until a few years ago these two stations operated from separate transmitter sites... Carlyle Lake (7) and Warmley (3). An ice storm wiped out the channel 7 tower and that operation was moved to the higher terrain of the channel 3 site (near Moose Mountain..highest point in Southeastern Saskatchewan). That move did not necessitate a city-of-license change..thus CFSS (3) and CIEW (7) operate from the same tower yet are licensed to Warmley and Carlyle Lake, respectively. Data supplied to TV Factbook further confuses the issue since CFSS is listed as Estevan-Weyburn-Regina; and CIEW is listed as Estevan-Weyburn. Neither of the correct cities of license appear in Factbook's Saskatechewan listings; however they do show up in the Canadian allocation table in Volume 2.

UPDATE: With it's transmitter located near the geographical center of the continent, CFSS-tv (3) in Warmley is a frequent catch of DXers in most areas of the U.S., as well as Eastern and extreme Western Canada. The evolution of ownership has seen this company develop from locally owned and operated 'Yorkton Television, Ltd.'; to a regional group known as Shamrock Television System, Inc. (along with CKBI-tv and CIPA-tv in Prince Albert, SK). Shamrock, in turn, comes under the umbrella of Toronto-based Baton Broadcasting which also owns CKCK-tv and CFQC-tv in SK; and CJOH-tv and CFTO-tv in Ontario.

CONCLUDING THOUGHTS: I realize this has been a complicated story and I hope you haven't been too confused (or bored) with an overkill of details. It struck me as an interesting subject not only because of all the channel additions and swaps....but because of the city of license that doesn't really exist; Warmley, Saskatchewan!

NEXT MONTH: Share the DX experiences of Bill Eckberg.

DIGITAL RADIO: "THE SOUND OF THE FUTURE"

BY J. JOEL ROSENBERG, M.D.

Introduction

For a number of years, broadcasters have been concerned about radio quality differences between AM & FM. Also, FM has had its own problems with multipath, adjacent channel interference, mobile fading and distortion, and few allocations remaining. Consumers have developed increasing expectations for audio quality.

One system for Digital Audio Broadcasting has been developed in Europe.

This summer (1990), a joint effort by the Canadian Association of Broadcasters, the CBC, and Communications Canada (DOC) have been travelling across the country with public demonstrations of Digital Radio (DR).

CANADIAN DEMONSTRATIONS OF TERRESTRIAL DIGITAL RADIO BROADCASTING

Technical

There is a series of steps whose components result in the digital broadcast.

The source of digital information, at the studio, is quantized at 16 bits.

A sampling rate converter produces a 48 KHz flow (providing the 768 kbit/sec. required for a mono channel).

Next, a Masking-pattern-adapted Universal Sub-band Integrated Coding and Multiplexing (MUSICAM) Encoding System reduces the source bit stream by a factor of six, while maintaing quality. Thus, the 768 rate is reduced to 128. This reduces the bandwidth required for the transmission. (A rate as low as 64 kbits/sec will maintain near CD quality and 192 allows additional signal processing.)

The Coded Orthoginal Frequency Division Multiplex (CODFM) encodes the bit stream prior to transmission to minimize errors and overcome multiplex problems. Sixteen (16) stereo sources are multiplexed on to one 7 MHz transmission channel.

Multipath is overcome by dispersing successive bits in both frequency and time in CODFM encoding. This multiplexing creates 448 overlapping but equally-spaced carriers over the 7 MHz bandwidth. To prevent multiple reflections interfering on any given carrier, a guard band of 16 us is added to the "symbol" period of 64 us. As long as the multipath delay is less than this, the symbols arrive cleanly.

If some areas are completely blocked from the transmitter, "Gap Fillers", low power relay transmitters, are used - with an isolation of at least 20 dB more than the system gain to avoid feedback. These Gap Fillers can operate on the same frequency as the main transmitter because their signal is received like just another reflection and treated normally by the decoder-receiver.

A local oscillator mixes with the COFDM to produce the desired carrier frequency. The DR system can be compatible with any frequency between 100 MHz and 2 GHz. The ERP necessary for each of the 16 potential channels is only 100 watts (10 watt transmitter with antenna gain of 10).

The Toronto transmission used a 1 kw UHF transmitter, modified to use only the power stages. Then, on through a cavity filter, along the 1 5/8 inch foam heliax transmission line to the 2-Bay vertically polarized antenna.

The Demonstration

Public demonstrations of DR took place in Ottawa during early June, in Toronto July 5 to 15, Montreal July 31 to August 8, and in Vancouver in late August.

In Toronto, it was set up in a mid-town office and also a mobile demo in a specially equipped van. The latter contained an AM-FM receiver with speaker and headphone systems plus decoding equipment. The "bus" would take groups of 12 - 14 listeners on a driving tour of downtown Toronto.

The music sources were routed through CBC Studio H, sent by fibre-optic cable to the CN Tower where Rogers Cable set up the transmitting equipment. The Communications Canada Research Centre also had a test van for feeding the fixed site and for mobile field strength testing.

Listeners had a variety of music to compare DR to conventional broadcasts.

DIGITAL RADIO

Six hour sets of a variety of Toronto AM & FM stations were rebroadcast on 99.1 MHz (This frequency is the only currently available in Toronto thanks to the demise of CKO in Nov/89). Transmitter power was 1 kw. with a gain of 3 from the CN Tower antenna, for a 3 kw. ERP.

On Friday July 6, I first discovered CKEY-AM 590 on 99.1 while scanning the band during a skip opening. (A couple of years back, they had unsuccessfully attempted a freq. switch with CKO and now I thought they had pulled off a coup with the CRTC!)

The bus passengers even had the choice to select any piece of music from the CBC studio. On one occasion, I heard a Strauss Waltz cut into a CJEZ-97.3 rebroad. Comments received by engineers were that many passengers believed that there was a CD player hidden aboard the bus, the DR signal was so clean.

The DR signal in Toronto was broadcast at 798 + 3.5 MHz (over channels 68 & 69) with a 1 kw. transmitter, directed north up Yonge Street, with bisects the city, resulting a tear-drop shaped coverage area. At only 10 watts, with antenna gain of 10, the signal produced was clean and consistant; but, it quits at 8 dB carrier to noise ratio. I spoke to one of the engineers involved in the experiment, who told me he drove north up Yonge St. with a decoding system. He abruptly, within a few hundred yards, lost the perfect signal in Newmarket, approximately 30 miles (48 kilometers, for you metric fans) north of the CN Tower.

One evening, during an opening of lake tropo, looking for WSYT-68 Syracuse, 180 miles away, I noticed some "interference". A couple of days later, when I found out about this experiment, I learned that this was the DR signal.
The screen had a whitish background, with about 30 horizontal lines having a slight moving or fading appearance, I took some photos off both Ch. 68 & 69, and, if they turn out well, I will send them to "Photo News" to publish in a future VUD.

Due to the experimental nature of the test, the broadcast signals on ch. 68-9 and FM 99.1 were not assigned call letters, according to the engineer.

Upon completion of this demonstration in Vancouver, the equipment will be returned to France.

The Future

An international meeting, the World Administrative Radio Conference, sponsored by the International Telecommunications Union, will be taking place in Spain in 1992. There will be a group lobbying for a frequency allocation for DR that can be delivered by broadcast stations and by satellite. Therefore, the purpose of these demonstrations has been to create public demand for DR. If it is accepted, it is hoped that DR will be in place in 1994 or 95.

The broadcasters expect a phase in period of 10 years, coexisting with conventional radio until the latter is phased out. The increasing demand for DR will be expected to greatly lower the cost of the appropriate consumer audio products.

What does this mean for us DXers? Many questions come to mind. Will the UHF band be cut into further for DR assignments? Will AM-FM DXing come to an end? Will DR DXing be possible or will receivers be market selective?

We'll have to wait and see!

To quote Toronto radio commentator Dick Smythe in his Toronto Sun newspaper column of July 10, 1990, "And sadly, no longer will we experience the nighttime romance of distant stations calling across the purple sky."

Postscript

I hope that I have summarized the DR material which was made available to the public, in an accurate and understandable manner. If I have made any errors, feel free to contact me!

73's,

And lets keep DXing while we still can!

Joel

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SPECIAL REPORT

THE FM BAND FROM THE TOP OF WHITEFACE MOUNTAIN IN NORTHERN NEW YORK STATE'S ADIRONDACKS -- WHERE "NORMAL" CONDITIONS SOUND LIKE A MAJOR TROPO OPENING!!!

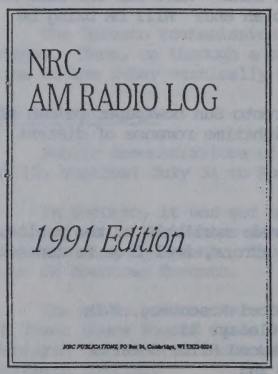
PETER Q. GEORGE - 24 COLUMBIA ST. APT 1-F, BROCKTON, MASSACHUSETS 02401

LOCATION: Whiteface Mountain, New York (4683' ASL), Lake Placid, New York
TIME: August 9, 1989, 1500-1700 EDT
$ = stereo

88.1 CBEE ON Chatham
88.7 WRVT VT $ Rutland
89.1 French UnID (CKRL Quebec?-gc)
89.5 WSLU NY $ Canton
89.9 WRVO NY $ Oswego
90.3 CKUT PQ $ Montreal
90.5 WSLL NY $ Saranac Lake
90.9 WSLO NY $ Malone
91.7 CBMB PQ Sherbrooke
91.9 CBF9 PQ Mont-Laurier
92.1 CJDM PQ $ Drummondville
92.5 CFQR PQ $ Montreal
92.9 WEZF VT $ Burlington
93.1 CKCU ON $ Ottawa
93.3 French unID (Quebec City?-gc)
93.5 CBM-FM PQ $ Montreal
93.9 CFMO ON $ Ottawa
94.3 CKMF PQ $ Montreal
94.9 WHOM NH $ Mt. Wash-ington
95.3 WXXX VT $ So.Burlington
95.5 CBOC ON Cornwall
95.9 CJFM PQ $ Montreal
96.3 CFMK ON $ Kingston
96.5 WCMF NY $ Rochester
96.9 CKOI PQ $ Verdun
97.1 WRUT VT $ Rutland
97.7 CHOM PQ $ Montreal
98.1 CBON ON Sudbury
98.3 CFLY ON $ Kingston
98.5 CIEL PQ $ Longueil
98.9 WQCR VT $ Burlington
99.3 WSNN NY $ Potsdam
99.5 CIME PQ $ Ste.Adele
99.9 WGFB NY $ Plattsburgh
100.3 WHEB NH $ Portsmouth
100.7 CBF PQ $ Montreal
101.1 CBF10 PQ $ Sherbrooke
101.7 WDGE NY $ Saranac
102.1 CBOF7 ON Brockville
102.3 WLFE VT $ St. Albans
102.5 CBOF ON $ Ottawa
102.7 CITE1 PQ $ Sherbrooke
103.1 CFMF PQ $ Fermont
103.3 CBO ON $ Ottawa
103.7 CHXL ON $ Brockville
104.1 CKTF PQ $ Gatineau
104.5 CFLG ON $ Cornwall
104.9 CBBA ON Brockville $ (They're on?-gc)
105.3 CKBY ON $ Ottawa
105.5 WLPW NY $ Lake Placid
105.7 CFGL PQ $ Laval
106.1 CHEZ ON $ Ottawa
106.5 CFEI PQ $ St.Hyacinthe
106.7 WIZN VT $ Vergennes
106.9 CKO1 ON $ Ottawa
107.3 CITE PQ $ Montreal
107.5 CBCK ON Kingston
107.7 WGNA NY $ Albany
107.9 WVPS VT $ Burlington

I took a journey to the Lake Placid region of the Adirondacks. Whiteface Mountain (4683' ASL) just happens to be located in that area. In addition to the brilliant Meteor Scatter I was able to hear, I was able to drive to the top of the mountain and take in some of the best high altitude DXing I have ever been able to hear in some time. Just take a look at my bandscan. All you need is a good quality car receiver...

LAYOUT: GREG CONIGLI



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STATION BREAK

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Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FOR SALE - M Street Journal Radio Directory, first edition, about 9 months old, for sale at half price: $15 post paid. A complete listing of US and Canadian AM and FM stations with full station addresses and phone numbers. Stations are listed by state, call letters, frequency, and ratings market, along with some radio history and other goodies. An excellent second reference and companion to FM Atlas, a must for QSLers. Please send money order to: Radio Guide Book, 154 Old Post Road North, Croton-on-Hudson, NY 10520-1932.

WANTED TO BUY - I am looking for copies of the following publications listed below:
BROADCASTING & TELEVISION YEARBOOKS 1954-1951
Central Virginia, Atlanta, & So. Georgia editions of TV GUIDE 1953-61
Recent 1990 Large Radio Market Editions of STANDARD RATE & DATA WEEKLY STATION BOOKS.
I will pay up to $50 for any large quantities of above publications.
David Shapiro - 484 Hammond Drive - Griffin GA 30223

FOR SALE - BROADCASTING YEARBOOK 1988 for sale, $8 plus $4 shipping. Also Standard Rate and Date Services Spot Radio: 1) Sept. 1, 1983, $2 plus $4 shipping. You will get first choice on SRDS if both unsold; if not, you will get the other book. No refunds unless both books are sold. SRDS has radio station addresses and maps, some program format and facilities' information. TV Factbook Services volume (no station addresses), 1977 $1 plus $4 shipping. Canadians add $7 to the shipping charges.
Bruce F. Elving - Box 336 - Esko MN 55733-0336

FOR TV TAPES COLLECTORS - Members who would like to collect TV tapes from all over the world, as well as those interested in educational tapes, should look into video-club of the University St. Maria, all our services are without charge. Send us a tape, Beta or VHS (in NTSC) recorded with youth, music and entertainment shows from Australia, Canada, USA and Europe. We'll send back your tape recorded with material according to your choice. Please write to:
Luis Gonzalez A. - Casilla 2483 - Arequipa, PERU - SOUTH AMERICA

FOR SALE - Satellite specials from Rich! Houston Tracker VIII plus I.R.D. w/UHF remote control $1350 + $10.00 UPS; Houston Tracker V I.R.D. w/UHF remote $1200.00 + $10.00 UPS, electronics packages, feedhorns also available for above units; Low noise amps: C band 45-55 degree 62 dB gain, $100.00 + $5.00 UPS, Ku band 1.4-1.6 dB & 62 dB gain $190.00 + $5.00 UPS; Actuator arms: 18" HTS $129.00 + $5.00 UPS, 24" Von Wiese $179.00 + $5.00 UPS; 24" Saginaw $200.00 + $5.00 UPS; Ribbon wire - sweep tested to 1500 MHz: (per foot) $1.00 + ???; Dishes: Orbitron 8.5' mesh, 5 yr. warranty $310.00 + $50.00 UPS, Orbitron 10.5' #c-10, 2 yr. warranty $360.00 + $50.00 UPS, Orbitron 10.5' #sx-10, 5 yr. warranty $430.00 + $50.00 UPS. We offer discounts on complete packages!!...ALSO we have a good line of used equipment, both high band block and 70 MHz from Uniden / STS / Drake / Prostar / Channel Master / & more. (Evenings best if phoning)
Rich Wertman - 6150 Crosby Rd. - Lockport NY 14094 (716) 433-0805

WTFDAers: YOUR ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

FEEDBACK

MEMBER COMMENTS ON SPELLING AND COLUMN TYPE STYLES IN THE V.U.D....IS THE BULLETIN HARD TO READ?

I want to complain about too many different type styles in the V.U.D. I realize that all editors are volunteers each with with different models of printer or typewriter so I guess that means that no two columns are going to look exactly the same, but..the print in many of the columns is MUCH too small, and is not consistent from column to column, sometimes from page to page! Does this make the book easier to read? Wrong. It makes it HARDER to read. I know there are other DX clubs and bulletins...do all of them look like this?

An example: NORTHERN FM -- full of good stuff and with many interesting items but why does the type style change with every other page? FCC FM and TV NEWS really cram info onto the pages, this makes them sometimes hard to follow. You can get used to it after a while, but I see other things that drive me nuts, like ITALICS in the QSL/LOGO column that are not needed (Italics are unreadable when they are very small.).

And please realize that computer-style "dot matrix" type belongs on utility company bills -- it is too "impersonal" in a monthly magazine. I enjoy all the editors' dedicated efforts and I appreciate they are amateurs, so don't get me wrong, I'm not out to "knock" them. VUD apparently has standard abbreviations, so why not a standard typestyle for the columns, if such is possible? If I'm going to send in a report I want it to be readable, and if I did a column I would make sure EVERYONE could read it!

--Robert Twomey, Amsterdam NY

Why is basic spelling important in the VUD? There are at least two reasons:

1. A reader of a sample issue (and a potential club member) might think that if the column editors spell or write like that, this must truly be a club of illiterates that he or she wouldn't want to join.

2. A column contributor might become annoyed that his name is misspelled or his (or her) intelligent comments are butchered by the editor, and might not contribute anymore.

The solution? Simple:

1. PLURALS NEVER TAKE APOSTROPHES.
Using "150s" as an example muddies the waters because many people use an apostrophe in this situation even though it's usually considered incorrect. This dispute, however, is not an excuse to use apostrophes everywhere.

2. THE WORD "ITS" NEVER (NEVER!) TAKES AN APOSTROPHE EXCEPT WHEN IT'S A CONTRACTION FOR "IT IS."
That's because "its" is already a possesive like "his" or "her" and does not need an apostrophe like "Bill's" or "Debra's." Also, there is no such word as "its'"!

3. MOST CLUB MEMBERS PREFER THAT THEIR NAMES APPEAR CORRECTLY IN THE VUD.
Examples: Keith (not Kieth) Pugh, Eric (not Ed) Fader, Matt Sittel (not Sittle), and Bill Burrow's (or Burrows') house (not Bill Burrow's house). Try checking the signature or return address to see how the contributor spells his own name.

4. IF YOU'RE NOT SURE HOW TO SPELL DIFFICULT (OR SIMPLE) WORDS, BUY (AND USE) A DICTIONARY.
It will cost you about $3.95 and will probably help your personal correspondence, too.

FOLLOWING THESE SIMPLE RULES WILL MAKE FOR A BETTER-LOOKING VUD AND, MAYBE, A HEALTHIER CLUB!

--Eric Fader, New York NY

WELCOME TO KNOXVILLE

MONITORING TIMES CONVENTION

OCTOBER 5, 6 AND 7!
Every year, thousands of people come from miles around to see fall in the Great Smoky Mountains. This year there's another reason – the 1990 *Monitoring Times Radio Convention*. Plan on spending the weekend of October 5th, 6th and 7th with your friends from *Monitoring Times!*

Check in to your room at the Holiday Inn-World's Fair Friday or Saturday. Then wander on down to the Grove Enterprises hospitality suite. It's open 24 hours a day. Grab something to drink and talk with some of your favorite *Monitoring Times* columnists. Have a chat with a shortwave broadcaster from the other side of the world. Or compare notes with fellow listeners. We'll keep the coffee on 'til the wee hours.

On Saturday morning, browse among the exhibits. It's your chance to see firsthand some of the hottest equipment and products in the industry and meet the professionals who make the radio business tick. Or join members of the International Radio Club of America (IRCA), a top-rated broadcast band (AM) club, as they hold their annual convention.

EVERYONE'S WELCOME!
Later, choose from some of the dozens of workshops, seminars and talks being presented by some of the biggest names in radio. Build an antenna. Find out how to hear exotic shortwave stations like a pro. Attend a hands-on scanner modification workshop. Learn about the excitement of military communications. For beginner or expert, from one end of the radio spectrum to the other, it's all here.

Make plans to attend. Registration is a very affordable $30.00. Space may be limited. So reserve your place today by sending your check or money order to *Monitoring Times Convention*, P.O. Box 98, Brasstown, NC 28902. (No credit cards, please.) Special discounts on airfare are available from Delta, the official airline of the 1990 *Monitoring Times* convention, and Holiday Inn. (Rooms will be $50.00 a night; $30.00 a night if you share with another person.) Do not include money for accomodations at this time. You will receive additional information along with your confirmation letter. Sign up now and assure yourself a place at the radio event of the year.

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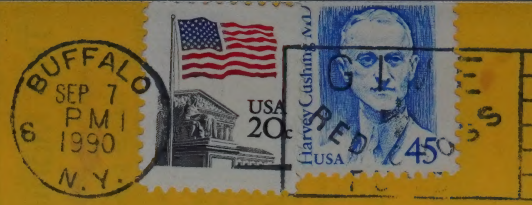

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